

2021/202

Filière: electrotechnique  
machines électriques

Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Asservissements Échantillonnés et Régulation Numérique / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	15.0	15.0	15.0	NORMALE
2	171739068308	8.5	10.0	9.1	NORMALE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	7.5	10.0	8.5	NORMALE
5	181839069910	4.0	5.0	4.4	NORMALE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	4.0	10.0	6.4	RATTRAPAGE
8	161639070158	4.5	1.0	3.1	NORMALE
9	171739073757	6.0	10.0	7.6	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	17.5	13.0	15.7	NORMALE
12	21119044832	12.5	10.0	11.5	NORMALE
13	181839065690	3.5	10.0	6.1	NORMALE
14	181839071480	5.0	11.0	7.4	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	0.0	0.0	0.0	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	3.0	0.0	1.8	NORMALE
19	181839065252	6.5	10.0	7.9	NORMALE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	0.0	0.0	0.0	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	19.0	19.0	19.0	NORMALE
26	181839063260	8.0	11.0	9.2	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	1.0	0.0	0.6	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	4.0	9.0	6.0	RATTRAPAGE
32	181839071400	4.0	10.0	6.4	RATTRAPAGE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	4.5	5.0	4.7	NORMALE
35	181839063034	10.5	10.0	10.3	NORMALE
36	181839066380	8.5	10.0	9.1	NORMALE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	0.0	0.0	0.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Asservissements Échantillonnés et Régulation Numérique / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	21039047919	10.0	11.0	10.4	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	8.5	11.0	9.5	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	5.5	9.0	6.9	NORMALE
6	161639075193	5.0	11.0	7.4	NORMALE
7	181839071389	3.0	8.0	5.0	NORMALE
8	181839065333	10.5	10.5	10.5	NORMALE
9	171739073738	3.0	8.0	5.0	NORMALE
10	181839062787	8.0	8.0	8.0	NORMALE
11	181839069899	10.0	10.0	10.0	RATTRAPAGE
12	161639072348	11.0	9.0	10.2	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	0.0	0.0	NORMALE
15	181839065194	4.0	11.0	6.8	NORMALE
16	181839071497	9.5	10.0	9.7	NORMALE
17	181839065700	2.0	10.0	5.2	NORMALE
18	181839069911	6.5	5.0	5.9	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	3.0	10.0	5.8	NORMALE
21	171739075208	0.0	0.0	0.0	NORMALE
22	181839063017	18.75	11.0	15.65	NORMALE
23	181839071607	0.0	0.0	0.0	NORMALE
24	181839050144	5.0	11.0	7.4	NORMALE
25	21069060526	5.0	10.5	7.2	RATTRAPAGE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	0.0	0.0	0.0	NORMALE
28	171739069248	2.0	0.0	1.2	RATTRAPAGE
29	181839071447	6.0	8.0	6.8	RATTRAPAGE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	4.0	11.0	6.8	NORMALE
32	161639073798	10.5	9.0	9.9	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	3.0	10.0	5.8	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	1.0	0.0	0.6	NORMALE
38	211439061314	5.5	6.25	5.8	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	4.0	10.0	6.4	NORMALE

Signature de l'enseignant:

Le:

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Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Association Machines -Convertisseurs / Section A / 1

## PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	2196254017	19.0	17.0	18.2	NORMALE
2	171739068308	10.0	12.0	10.8	RATTRAPAGE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	9.5	11.0	10.1	NORMALE
5	181839069910	9.5	0.0	5.7	RATTRAPAGE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	10.5	0.0	6.3	RATTRAPAGE
8	161639070158	7.5	0.0	4.5	NORMALE
9	171739073757	14.5	11.0	13.1	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	11.5	13.0	12.1	NORMALE
12	21119044832	12.5	0.0	7.5	NORMALE
13	181839065690	8.75	13.0	10.45	NORMALE
14	181839071480	9.5	12.0	10.5	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	8.0	0.0	4.8	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	12.0	0.0	7.2	RATTRAPAGE
19	181839065252	11.5	11.0	11.3	RATTRAPAGE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	10.6	10.6	10.6	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	12.25	17.0	14.15	NORMALE
26	181839063260	11.5	12.0	11.7	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	6.75	14.0	9.65	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	11.5	12.0	11.7	RATTRAPAGE
32	181839071400	10.5	12.0	11.1	RATTRAPAGE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	5.25	0.0	3.15	NORMALE
35	181839063034	10.5	13.0	11.5	NORMALE
36	181839066380	8.5	12.0	9.9	RATTRAPAGE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	13.0	13.0	13.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Association Machines -Convertisseurs / Section A / 2

## PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	21039047919	14.0	14.0	14.0	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	10.5	12.0	11.1	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	13.5	13.0	13.3	NORMALE
6	161639075193	12.5	13.0	12.7	NORMALE
7	181839071389	8.75	13.0	10.45	NORMALE
8	181839065333	10.0	11.0	10.4	NORMALE
9	171739073738	9.0	12.0	10.2	RATTRAPAGE
10	181839062787	11.5	11.0	11.3	NORMALE
11	181839069899	8.0	13.0	10.0	NORMALE
12	161639072348	9.0	12.0	10.2	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	0.0	0.0	NORMALE
15	181839065194	10.0	0.0	6.0	NORMALE
16	181839071497	9.75	11.0	10.25	NORMALE
17	181839065700	8.75	12.0	10.05	NORMALE
18	181839069911	12.0	12.0	12.0	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	12.5	12.0	12.3	RATTRAPAGE
21	171739075208	11.2	11.2	11.2	NORMALE
22	181839063017	9.0	13.0	10.6	NORMALE
23	181839071607	0.0	0.0	0.0	NORMALE
24	181839050144	15.0	15.0	15.0	NORMALE
25	21069060526	8.0	13.0	10.0	NORMALE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	8.2	8.2	8.2	NORMALE
28	171739069248	11.5	0.0	6.9	RATTRAPAGE
29	181839071447	10.5	11.0	10.7	RATTRAPAGE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	8.5	13.0	10.3	NORMALE
32	161639073798	10.5	0.0	6.3	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	16.5	16.0	16.3	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	3.25	0.0	1.95	NORMALE
38	211439061314	12.25	12.0	12.15	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	15.5	14.0	14.9	NORMALE

Signature de l'enseignant:

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2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Champ Magnétique dans Les Machines Electriques / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	16.0	17.6	16.64	NORMALE
2	171739068308	8.0	9.6	8.64	RATTRAPAGE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	3.0	10.2	5.88	NORMALE
5	181839069910	3.0	3.6	3.24	NORMALE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	4.5	10.2	6.78	NORMALE
8	161639070158	4.0	5.0	4.4	NORMALE
9	171739073757	15.0	11.4	13.56	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	2.5	9.6	5.34	NORMALE
12	21119044832	7.0	11.4	8.76	NORMALE
13	181839065690	7.0	10.2	8.28	RATTRAPAGE
14	181839071480	6.0	9.6	7.44	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	1.0	0.0	0.6	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	1.0	0.0	0.6	NORMALE
19	181839065252	9.0	10.2	9.48	RATTRAPAGE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	0.0	0.0	0.0	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	19.0	17.6	18.44	NORMALE
26	181839063260	3.0	5.8	4.12	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	1.0	3.6	2.04	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	4.0	7.0	5.2	NORMALE
32	181839071400	2.0	6.4	3.76	NORMALE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	3.5	10.2	6.18	NORMALE
35	181839063034	3.0	10.8	6.12	NORMALE
36	181839066380	4.0	7.2	5.28	NORMALE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	0.0	0.0	0.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Champ Magnétique dans Les Machines Electriques / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	21039047919	8.0	13.9	10.36	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	7.0	13.0	9.4	RATTRAPAGE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	1.5	8.8	4.42	NORMALE
6	161639075193	9.0	9.4	9.16	NORMALE
7	181839071389	3.0	6.8	4.52	NORMALE
8	181839065333	6.5	11.8	8.62	NORMALE
9	171739073738	1.0	11.7	5.28	NORMALE
10	181839062787	2.0	8.4	4.56	NORMALE
11	181839069899	7.0	11.0	8.6	RATTRAPAGE
12	161639072348	4.0	10.6	6.64	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	0.0	0.0	NORMALE
15	181839065194	9.0	13.6	10.84	RATTRAPAGE
16	181839071497	2.0	9.4	4.96	NORMALE
17	181839065700	3.0	12.0	6.6	NORMALE
18	181839069911	2.0	4.8	3.12	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	1.0	11.8	5.32	NORMALE
21	171739075208	0.0	0.0	0.0	NORMALE
22	181839063017	1.0	12.9	5.76	NORMALE
23	181839071607	0.0	2.4	0.96	NORMALE
24	181839050144	7.5	12.3	9.42	NORMALE
25	21069060526	3.0	12.8	6.92	NORMALE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	0.0	0.0	0.0	NORMALE
28	171739069248	3.0	0.0	1.8	NORMALE
29	181839071447	7.5	7.6	7.54	NORMALE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	1.0	13.6	6.04	NORMALE
32	161639073798	0.0	4.2	1.68	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	8.5	12.7	10.18	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	0.0	0.0	0.0	NORMALE
38	211439061314	0.0	11.8	4.72	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	9.0	10.9	9.76	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Construction des Machines Électriques / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	18.0	18.0	18.0	NORMALE
2	171739068308	10.5	10.2	10.38	RATTRAPAGE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	7.0	10.7	8.48	NORMALE
5	181839069910	3.0	0.0	1.8	NORMALE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	6.5	8.7	7.38	NORMALE
8	161639070158	5.5	0.0	3.3	NORMALE
9	171739073757	12.0	16.7	13.88	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	11.0	10.4	10.76	NORMALE
12	21119044832	11.0	10.1	10.64	NORMALE
13	181839065690	7.0	8.4	7.56	NORMALE
14	181839071480	10.0	9.6	9.84	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	3.0	0.0	1.8	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	4.0	2.3	3.32	NORMALE
19	181839065252	11.0	10.1	10.64	NORMALE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	0.0	0.0	0.0	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	20.0	18.0	19.2	NORMALE
26	181839063260	5.0	2.8	4.12	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	7.0	3.2	5.48	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	4.0	2.6	3.44	NORMALE
32	181839071400	5.5	2.6	4.34	NORMALE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	8.5	8.4	8.46	NORMALE
35	181839063034	8.0	10.4	8.96	NORMALE
36	181839066380	7.5	5.4	6.66	NORMALE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	0.0	0.0	0.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Construction des Machines Électriques / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	21039047919	8.0	13.3	10.12	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	9.0	10.2	9.48	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	5.0	5.8	5.32	NORMALE
6	161639075193	8.0	9.4	8.56	NORMALE
7	181839071389	5.0	5.8	5.32	NORMALE
8	181839065333	9.0	13.7	10.88	NORMALE
9	171739073738	7.0	9.6	8.04	NORMALE
10	181839062787	8.5	7.8	8.22	NORMALE
11	181839069899	8.0	10.05	8.82	NORMALE
12	161639072348	7.0	9.1	7.84	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	12.6	12.6	12.6	NORMALE
15	181839065194	7.5	16.7	11.18	NORMALE
16	181839071497	6.5	14.0	9.5	NORMALE
17	181839065700	7.0	13.8	9.72	NORMALE
18	181839069911	8.0	0.6	5.04	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	5.0	9.0	6.6	NORMALE
21	171739075208	0.0	0.0	0.0	NORMALE
22	181839063017	4.5	9.6	6.54	NORMALE
23	181839071607	0.0	2.8	1.12	NORMALE
24	181839050144	9.0	10.8	9.72	NORMALE
25	21069060526	8.5	9.0	8.7	NORMALE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	0.0	0.0	0.0	NORMALE
28	171739069248	8.0	0.0	4.8	NORMALE
29	181839071447	7.5	7.0	7.3	NORMALE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	5.0	4.0	4.6	NORMALE
32	161639073798	0.0	2.4	0.96	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	8.0	10.9	9.16	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	0.0	0.0	0.0	NORMALE
38	211439061314	7.5	5.4	6.66	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	8.0	13.9	10.36	NORMALE



2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Ethique déontologie et Propriété Intellectuelle / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	20.0	0.0	20.0	NORMALE
2	171739068308	17.0	0.0	17.0	NORMALE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	12.5	0.0	12.5	NORMALE
5	181839069910	10.0	0.0	10.0	NORMALE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	11.0	0.0	11.0	NORMALE
8	161639070158	10.0	0.0	10.0	NORMALE
9	171739073757	13.0	0.0	13.0	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	13.0	0.0	13.0	NORMALE
12	21119044832	12.0	0.0	12.0	NORMALE
13	181839065690	5.0	0.0	5.0	NORMALE
14	181839071480	13.0	0.0	13.0	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	13.0	0.0	13.0	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	6.0	0.0	6.0	RATTRAPAGE
19	181839065252	10.0	0.0	10.0	NORMALE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	0.0	0.0	0.0	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	20.0	0.0	20.0	NORMALE
26	181839063260	12.0	0.0	12.0	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	17.0	0.0	17.0	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	8.0	0.0	8.0	NORMALE
32	181839071400	12.0	0.0	12.0	NORMALE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	15.0	0.0	15.0	NORMALE
35	181839063034	13.0	0.0	13.0	NORMALE
36	181839066380	8.0	0.0	8.0	NORMALE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	10.0	0.0	10.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Ethique déontologie et Propriété Intellectuelle / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	21039047919	16.0	0.0	16.0	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	19.0	0.0	19.0	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	13.0	0.0	13.0	NORMALE
6	161639075193	20.0	0.0	20.0	NORMALE
7	181839071389	11.0	0.0	11.0	NORMALE
8	181839065333	19.0	0.0	19.0	NORMALE
9	171739073738	3.0	0.0	3.0	NORMALE
10	181839062787	17.0	0.0	17.0	NORMALE
11	181839069899	17.0	0.0	17.0	NORMALE
12	161639072348	20.0	0.0	20.0	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	0.0	0.0	NORMALE
15	181839065194	12.0	0.0	12.0	NORMALE
16	181839071497	15.0	0.0	15.0	NORMALE
17	181839065700	8.0	0.0	8.0	NORMALE
18	181839069911	10.0	0.0	10.0	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	12.0	0.0	12.0	NORMALE
21	171739075208	10.0	0.0	10.0	NORMALE
22	181839063017	10.5	0.0	10.5	NORMALE
23	181839071607	0.0	0.0	0.0	NORMALE
24	181839050144	15.0	0.0	15.0	NORMALE
25	21069060526	16.0	0.0	16.0	NORMALE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	10.0	0.0	10.0	NORMALE
28	171739069248	12.0	0.0	12.0	RATTRAPAGE
29	181839071447	12.0	0.0	12.0	NORMALE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	10.0	0.0	10.0	NORMALE
32	161639073798	10.0	0.0	10.0	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	15.0	0.0	15.0	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	13.0	0.0	13.0	NORMALE
38	211439061314	15.5	0.0	15.5	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	15.0	0.0	15.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Implémentations de commannum en temps réel / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	16.0	0.0	16.0	NORMALE
2	171739068308	14.0	0.0	14.0	NORMALE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	12.0	0.0	12.0	NORMALE
5	181839069910	0.0	0.0	0.0	NORMALE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	11.0	0.0	11.0	NORMALE
8	161639070158	10.0	0.0	10.0	NORMALE
9	171739073757	11.0	0.0	11.0	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	14.0	0.0	14.0	NORMALE
12	21119044832	13.0	0.0	13.0	NORMALE
13	181839065690	0.0	0.0	0.0	NORMALE
14	181839071480	11.0	0.0	11.0	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	11.0	0.0	11.0	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	10.0	0.0	10.0	NORMALE
19	181839065252	11.0	0.0	11.0	NORMALE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	12.0	0.0	12.0	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	15.0	0.0	15.0	NORMALE
26	181839063260	15.0	0.0	15.0	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	0.0	0.0	0.0	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	10.0	0.0	10.0	NORMALE
32	181839071400	10.0	0.0	10.0	NORMALE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	14.0	0.0	14.0	NORMALE
35	181839063034	15.0	0.0	15.0	NORMALE
36	181839066380	14.0	0.0	14.0	NORMALE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	10.0	0.0	10.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Implémentations de commannum en temps réel / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	21039047919	15.0	0.0	15.0	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	10.0	0.0	10.0	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	12.0	0.0	12.0	NORMALE
6	161639075193	15.0	0.0	15.0	NORMALE
7	181839071389	10.0	0.0	10.0	NORMALE
8	181839065333	11.0	0.0	11.0	NORMALE
9	171739073738	12.0	0.0	12.0	NORMALE
10	181839062787	11.0	0.0	11.0	NORMALE
11	181839069899	13.0	0.0	13.0	NORMALE
12	161639072348	12.0	0.0	12.0	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	0.0	0.0	NORMALE
15	181839065194	11.0	0.0	11.0	NORMALE
16	181839071497	10.0	0.0	10.0	NORMALE
17	181839065700	10.0	0.0	10.0	NORMALE
18	181839069911	10.0	0.0	10.0	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	12.0	0.0	12.0	NORMALE
21	171739075208	13.0	0.0	13.0	NORMALE
22	181839063017	15.0	0.0	15.0	NORMALE
23	181839071607	0.0	0.0	0.0	NORMALE
24	181839050144	10.0	0.0	10.0	NORMALE
25	21069060526	15.0	0.0	15.0	NORMALE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	0.0	0.0	0.0	NORMALE
28	171739069248	0.0	0.0	0.0	NORMALE
29	181839071447	10.0	0.0	10.0	NORMALE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	12.0	0.0	12.0	NORMALE
32	161639073798	0.0	0.0	0.0	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	15.0	0.0	15.0	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	0.0	0.0	0.0	NORMALE
38	211439061314	13.0	0.0	13.0	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	15.0	0.0	15.0	NORMALE

Signature de l'enseignant:

Le:

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Matériaux Électrotechnique et Technique de haute Tension / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	13.0	0.0	13.0	NORMALE
2	171739068308	8.0	0.0	8.0	RATTRAPAGE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	9.5	0.0	9.5	NORMALE
5	181839069910	8.0	0.0	8.0	RATTRAPAGE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	10.0	0.0	10.0	NORMALE
8	161639070158	9.5	0.0	9.5	RATTRAPAGE
9	171739073757	2.5	0.0	2.5	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	6.0	0.0	6.0	NORMALE
12	21119044832	9.0	0.0	9.0	NORMALE
13	181839065690	8.0	0.0	8.0	RATTRAPAGE
14	181839071480	4.5	0.0	4.5	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	8.0	0.0	8.0	RATTRAPAGE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	8.0	0.0	8.0	RATTRAPAGE
19	181839065252	8.0	0.0	8.0	RATTRAPAGE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	0.0	0.0	0.0	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	12.0	0.0	12.0	NORMALE
26	181839063260	6.0	0.0	6.0	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	8.0	0.0	8.0	RATTRAPAGE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	8.0	0.0	8.0	RATTRAPAGE
32	181839071400	8.0	0.0	8.0	RATTRAPAGE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	3.0	0.0	3.0	NORMALE
35	181839063034	6.0	0.0	6.0	NORMALE
36	181839066380	8.0	0.0	8.0	RATTRAPAGE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	0.0	0.0	0.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Matériaux Électrotechnique et Technique de haute Tension / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	21039047919	0.0	0.0	0.0	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	8.0	0.0	8.0	RATTRAPAGE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	8.0	0.0	8.0	RATTRAPAGE
6	161639075193	12.0	0.0	12.0	NORMALE
7	181839071389	8.0	0.0	8.0	RATTRAPAGE
8	181839065333	6.5	0.0	6.5	NORMALE
9	171739073738	8.0	0.0	8.0	RATTRAPAGE
10	181839062787	8.0	0.0	8.0	RATTRAPAGE
11	181839069899	10.5	0.0	10.5	NORMALE
12	161639072348	9.0	0.0	9.0	RATTRAPAGE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	0.0	0.0	NORMALE
15	181839065194	8.0	0.0	8.0	RATTRAPAGE
16	181839071497	8.0	0.0	8.0	RATTRAPAGE
17	181839065700	8.0	0.0	8.0	RATTRAPAGE
18	181839069911	9.0	0.0	9.0	RATTRAPAGE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	8.0	0.0	8.0	RATTRAPAGE
21	171739075208	0.0	0.0	0.0	NORMALE
22	181839063017	5.5	0.0	5.5	NORMALE
23	181839071607	0.0	0.0	0.0	NORMALE
24	181839050144	8.0	0.0	8.0	NORMALE
25	21069060526	8.0	0.0	8.0	RATTRAPAGE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	0.0	0.0	0.0	NORMALE
28	171739069248	8.5	0.0	8.5	NORMALE
29	181839071447	8.0	0.0	8.0	RATTRAPAGE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	8.0	0.0	8.0	RATTRAPAGE
32	161639073798	8.0	0.0	8.0	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	8.5	0.0	8.5	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	0.0	0.0	0.0	NORMALE
38	211439061314	8.0	0.0	8.0	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	8.5	0.0	8.5	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Modélisation des Machines Électriques / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	11.5	17.85	14.04	NORMALE
2	171739068308	1.25	2.8	1.87	NORMALE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	5.0	9.35	6.74	NORMALE
5	181839069910	1.25	0.7	1.03	NORMALE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	0.0	7.3	2.92	NORMALE
8	161639070158	1.25	0.0	0.75	NORMALE
9	171739073757	4.75	10.4	7.01	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	7.0	12.85	9.34	NORMALE
12	21119044832	1.0	10.05	4.62	NORMALE
13	181839065690	1.0	2.1	1.44	RATTRAPAGE
14	181839071480	0.0	7.3	2.92	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	0.0	0.0	0.0	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	1.25	0.7	1.03	NORMALE
19	181839065252	6.0	8.35	6.94	NORMALE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	0.0	0.0	0.0	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	19.5	19.8	19.62	NORMALE
26	181839063260	1.25	10.45	4.93	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	2.5	0.0	1.5	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	0.0	1.4	0.56	NORMALE
32	181839071400	1.0	1.4	1.16	NORMALE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	2.5	2.8	2.62	NORMALE
35	181839063034	2.5	9.7	5.38	NORMALE
36	181839066380	2.5	2.8	2.62	NORMALE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	0.0	0.0	0.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Modélisation des Machines Électriques / Section A / 2

## PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	21039047919	4.0	11.0	6.8	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	2.25	8.9	4.91	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	0.0	8.35	3.34	NORMALE
6	161639075193	0.0	10.85	4.34	NORMALE
7	181839071389	2.5	2.1	2.34	NORMALE
8	181839065333	6.0	11.2	8.08	NORMALE
9	171739073738	3.0	7.9	4.96	NORMALE
10	181839062787	1.25	5.9	3.11	NORMALE
11	181839069899	3.25	13.35	7.29	NORMALE
12	161639072348	5.0	1.4	3.56	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	0.0	0.0	NORMALE
15	181839065194	2.5	11.35	6.04	NORMALE
16	181839071497	2.0	11.4	5.76	NORMALE
17	181839065700	5.0	7.3	5.92	NORMALE
18	181839069911	1.0	1.4	1.16	RATTRAPAGE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	1.0	5.2	2.68	RATTRAPAGE
21	171739075208	0.0	0.0	0.0	NORMALE
22	181839063017	4.25	14.85	8.49	NORMALE
23	181839071607	0.0	0.0	0.0	NORMALE
24	181839050144	1.25	10.35	4.89	NORMALE
25	21069060526	0.0	11.4	4.56	NORMALE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	0.0	0.0	0.0	NORMALE
28	171739069248	3.0	0.0	1.8	NORMALE
29	181839071447	2.25	1.4	1.91	NORMALE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	1.0	6.95	3.38	NORMALE
32	161639073798	0.0	2.8	1.12	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	2.0	6.25	3.7	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	0.0	0.0	0.0	NORMALE
38	211439061314	5.5	0.7	3.58	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	4.0	10.2	6.48	NORMALE

Signature de l'enseignant:

Le:

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2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Qualité de l'énergie électrique / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	20.0	0.0	20.0	NORMALE
2	171739068308	8.0	0.0	8.0	NORMALE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	9.0	0.0	9.0	NORMALE
5	181839069910	8.0	0.0	8.0	NORMALE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	11.5	0.0	11.5	NORMALE
8	161639070158	7.0	0.0	7.0	NORMALE
9	171739073757	6.0	0.0	6.0	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	7.0	0.0	7.0	NORMALE
12	21119044832	8.0	0.0	8.0	NORMALE
13	181839065690	8.0	0.0	8.0	NORMALE
14	181839071480	8.5	0.0	8.5	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	8.0	0.0	8.0	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	11.0	0.0	11.0	NORMALE
19	181839065252	11.5	0.0	11.5	NORMALE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	13.33	0.0	13.33	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	19.0	0.0	19.0	NORMALE
26	181839063260	7.0	0.0	7.0	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	8.0	0.0	8.0	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	9.0	0.0	9.0	NORMALE
32	181839071400	8.0	0.0	8.0	RATTRAPAGE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	10.0	0.0	10.0	NORMALE
35	181839063034	7.0	0.0	7.0	NORMALE
36	181839066380	6.0	0.0	6.0	NORMALE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	0.0	0.0	0.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Qualité de l'énergie électrique / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	21039047919	12.0	0.0	12.0	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	7.0	0.0	7.0	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	8.5	0.0	8.5	NORMALE
6	161639075193	6.0	0.0	6.0	NORMALE
7	181839071389	8.0	0.0	8.0	NORMALE
8	181839065333	11.5	0.0	11.5	NORMALE
9	171739073738	5.0	0.0	5.0	NORMALE
10	181839062787	8.0	0.0	8.0	NORMALE
11	181839069899	10.0	0.0	10.0	NORMALE
12	161639072348	7.0	0.0	7.0	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	0.0	0.0	NORMALE
15	181839065194	13.0	0.0	13.0	NORMALE
16	181839071497	8.5	0.0	8.5	NORMALE
17	181839065700	8.0	0.0	8.0	NORMALE
18	181839069911	9.5	0.0	9.5	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	6.0	0.0	6.0	NORMALE
21	171739075208	13.33	0.0	13.33	NORMALE
22	181839063017	9.0	0.0	9.0	NORMALE
23	181839071607	0.0	0.0	0.0	NORMALE
24	181839050144	8.0	0.0	8.0	NORMALE
25	21069060526	4.0	0.0	4.0	NORMALE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	10.0	0.0	10.0	NORMALE
28	171739069248	8.5	0.0	8.5	NORMALE
29	181839071447	7.0	0.0	7.0	NORMALE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	8.25	0.0	8.25	NORMALE
32	161639073798	2.0	0.0	2.0	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	7.0	0.0	7.0	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	0.0	0.0	0.0	NORMALE
38	211439061314	6.0	0.0	6.0	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	5.0	0.0	5.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: TP : Asservissements Échantillonnés et Régulation Numérique / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	0.0	18.0	18.0	NORMALE
2	171739068308	0.0	10.25	10.25	NORMALE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	0.0	11.0	11.0	NORMALE
5	181839069910	0.0	10.75	10.75	NORMALE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	0.0	10.0	10.0	NORMALE
8	161639070158	0.0	9.0	9.0	NORMALE
9	171739073757	0.0	10.94	10.94	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	0.0	13.25	13.25	NORMALE
12	21119044832	0.0	10.0	10.0	NORMALE
13	181839065690	0.0	10.88	10.88	NORMALE
14	181839071480	0.0	10.5	10.5	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	0.0	0.0	0.0	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	0.0	5.13	5.13	NORMALE
19	181839065252	0.0	10.75	10.75	NORMALE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	0.0	0.0	0.0	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	0.0	18.0	18.0	NORMALE
26	181839063260	0.0	10.38	10.38	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	0.0	5.63	5.63	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	0.0	5.5	5.5	NORMALE
32	181839071400	0.0	10.5	10.5	NORMALE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	0.0	0.0	0.0	NORMALE
35	181839063034	0.0	11.0	11.0	NORMALE
36	181839066380	0.0	10.25	10.25	NORMALE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	0.0	0.0	0.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: TP : Asservissements Échantillonnés et Régulation Numérique / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	21039047919	0.0	11.5	11.5	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	0.0	11.63	11.63	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	0.0	10.0	10.0	NORMALE
6	161639075193	0.0	12.0	12.0	NORMALE
7	181839071389	0.0	10.5	10.5	NORMALE
8	181839065333	0.0	11.88	11.88	NORMALE
9	171739073738	0.0	10.63	10.63	NORMALE
10	181839062787	0.0	10.88	10.88	NORMALE
11	181839069899	0.0	10.63	10.63	NORMALE
12	161639072348	0.0	10.88	10.88	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	0.0	0.0	NORMALE
15	181839065194	0.0	11.38	11.38	NORMALE
16	181839071497	0.0	10.25	10.25	NORMALE
17	181839065700	0.0	11.44	11.44	NORMALE
18	181839069911	0.0	11.31	11.31	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	0.0	10.63	10.63	NORMALE
21	171739075208	0.0	0.0	0.0	NORMALE
22	181839063017	0.0	12.63	12.63	NORMALE
23	181839071607	0.0	0.0	0.0	NORMALE
24	181839050144	0.0	13.38	13.38	NORMALE
25	21069060526	0.0	12.25	12.25	NORMALE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	0.0	11.0	11.0	NORMALE
28	171739069248	0.0	0.0	0.0	NORMALE
29	181839071447	0.0	10.25	10.25	NORMALE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	0.0	12.38	12.38	NORMALE
32	161639073798	0.0	9.0	9.0	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	0.0	10.38	10.38	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	0.0	0.0	0.0	NORMALE
38	211439061314	0.0	9.0	9.0	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	0.0	10.94	10.94	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: TP : Champ Magnétique dans Les Machines Électriques / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	0.0	17.0	17.0	NORMALE
2	171739068308	0.0	14.0	14.0	NORMALE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	0.0	15.0	15.0	NORMALE
5	181839069910	0.0	13.0	13.0	NORMALE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	0.0	14.0	14.0	NORMALE
8	161639070158	0.0	14.0	14.0	NORMALE
9	171739073757	0.0	15.0	15.0	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	0.0	15.0	15.0	NORMALE
12	21119044832	0.0	12.0	12.0	NORMALE
13	181839065690	0.0	14.5	14.5	NORMALE
14	181839071480	0.0	10.0	10.0	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	0.0	0.0	0.0	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	0.0	10.0	10.0	NORMALE
19	181839065252	0.0	15.0	15.0	NORMALE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	0.0	12.0	12.0	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	0.0	15.5	15.5	NORMALE
26	181839063260	0.0	14.0	14.0	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	0.0	10.0	10.0	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	0.0	10.0	10.0	NORMALE
32	181839071400	0.0	10.0	10.0	NORMALE
33	171739070497	0.0	11.0	11.0	NORMALE
34	181839067528	0.0	14.0	14.0	NORMALE
35	181839063034	0.0	15.5	15.5	NORMALE
36	181839066380	0.0	14.0	14.0	NORMALE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	0.0	11.0	11.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: TP : Champ Magnétique dans Les Machines Électriques / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	21039047919	0.0	14.5	14.5	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	0.0	10.0	10.0	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	0.0	14.0	14.0	NORMALE
6	161639075193	0.0	14.0	14.0	NORMALE
7	181839071389	0.0	10.0	10.0	NORMALE
8	181839065333	0.0	10.0	10.0	NORMALE
9	171739073738	0.0	14.0	14.0	NORMALE
10	181839062787	0.0	0.0	0.0	NORMALE
11	181839069899	0.0	10.0	10.0	NORMALE
12	161639072348	0.0	10.0	10.0	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	12.0	12.0	NORMALE
15	181839065194	0.0	10.0	10.0	NORMALE
16	181839071497	0.0	10.0	10.0	NORMALE
17	181839065700	0.0	15.0	15.0	NORMALE
18	181839069911	0.0	13.0	13.0	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	0.0	10.0	10.0	NORMALE
21	171739075208	0.0	12.0	12.0	NORMALE
22	181839063017	0.0	15.0	15.0	NORMALE
23	181839071607	0.0	0.0	0.0	NORMALE
24	181839050144	0.0	15.0	15.0	NORMALE
25	21069060526	0.0	14.0	14.0	NORMALE
26	181839080218	0.0	0.0	0.0	NORMALE
27	18119049455	0.0	13.63	13.63	NORMALE
28	171739069248	0.0	0.0	0.0	NORMALE
29	181839071447	0.0	10.0	10.0	NORMALE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	0.0	15.0	15.0	NORMALE
32	161639073798	0.0	14.0	14.0	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	0.0	14.5	14.5	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	0.0	0.0	0.0	NORMALE
38	211439061314	0.0	13.0	13.0	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	0.0	15.0	15.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP : Modélisation des Machines Électriques / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	2196254017	0.0	18.75	18.75	NORMALE
2	171739068308	0.0	12.0	12.0	NORMALE
3	161639071728	0.0	0.0	0.0	NORMALE
4	181839067860	0.0	13.0	13.0	NORMALE
5	181839069910	0.0	12.25	12.25	NORMALE
6	20059058797	0.0	0.0	0.0	NORMALE
7	181339061526	0.0	11.5	11.5	NORMALE
8	161639070158	0.0	10.0	10.0	NORMALE
9	171739073757	0.0	15.12	15.12	NORMALE
10	161639076484	0.0	0.0	0.0	NORMALE
11	181839062737	0.0	16.25	16.25	NORMALE
12	21119044832	0.0	16.5	16.5	NORMALE
13	181839065690	0.0	14.37	14.37	NORMALE
14	181839071480	0.0	14.25	14.25	NORMALE
15	161639077234	0.0	0.0	0.0	NORMALE
16	181839065191	0.0	0.0	0.0	NORMALE
17	181839067833	0.0	0.0	0.0	NORMALE
18	181839064472	0.0	6.75	6.75	NORMALE
19	181839065252	0.0	13.0	13.0	NORMALE
20	181839073670	0.0	0.0	0.0	NORMALE
21	181839070801	0.0	0.0	0.0	NORMALE
22	18109045761	0.0	0.0	0.0	NORMALE
23	171739073704	0.0	0.0	0.0	NORMALE
24	181839071547	0.0	0.0	0.0	NORMALE
25	21941001758	0.0	18.75	18.75	NORMALE
26	181839063260	0.0	12.0	12.0	NORMALE
27	181839069826	0.0	0.0	0.0	NORMALE
28	161639065229	0.0	15.83	15.83	NORMALE
29	161639068681	0.0	0.0	0.0	NORMALE
30	171739066207	0.0	0.0	0.0	NORMALE
31	181839062975	0.0	13.0	13.0	NORMALE
32	181839071400	0.0	13.25	13.25	NORMALE
33	171739070497	0.0	0.0	0.0	NORMALE
34	181839067528	0.0	13.5	13.5	NORMALE
35	181839063034	0.0	14.5	14.5	NORMALE
36	181839066380	0.0	11.75	11.75	NORMALE
37	161539070817	0.0	0.0	0.0	NORMALE
38	161539070695	0.0	0.0	0.0	NORMALE
39	161539079170	0.0	0.0	0.0	NORMALE

2021/202

Filière: electrotechnique  
machines électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP : Modélisation des Machines Électriques / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	21039047919	0.0	15.06	15.06	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	0.0	14.75	14.75	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	0.0	11.5	11.5	NORMALE
6	161639075193	0.0	12.83	12.83	NORMALE
7	181839071389	0.0	13.5	13.5	NORMALE
8	181839065333	0.0	14.12	14.12	NORMALE
9	171739073738	0.0	13.0	13.0	NORMALE
10	181839062787	0.0	12.0	12.0	NORMALE
11	181839069899	0.0	17.43	17.43	NORMALE
12	161639072348	0.0	13.12	13.12	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	0.0	0.0	0.0	NORMALE
15	181839065194	0.0	15.12	15.12	NORMALE
16	181839071497	0.0	14.83	14.83	NORMALE
17	181839065700	0.0	13.62	13.62	NORMALE
18	181839069911	0.0	12.25	12.25	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	0.0	12.0	12.0	NORMALE
21	171739075208	0.0	0.0	0.0	NORMALE
22	181839063017	0.0	16.25	16.25	NORMALE
23	181839071607	0.0	0.0	0.0	NORMALE
24	181839050144	0.0	12.75	12.75	NORMALE
25	21069060526	0.0	13.5	13.5	NORMALE
26	181839080218	0.0	6.25	6.25	NORMALE
27	18119049455	0.0	10.0	10.0	NORMALE
28	171739069248	0.0	5.0	5.0	NORMALE
29	181839071447	0.0	13.5	13.5	NORMALE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	0.0	14.16	14.16	NORMALE
32	161639073798	0.0	11.25	11.25	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	0.0	13.66	13.66	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	0.0	0.0	0.0	NORMALE
38	211439061314	0.0	13.0	13.0	NORMALE
39	161539077044	0.0	0.0	0.0	NORMALE
40	211339047625	0.0	16.0	16.0	NORMALE

Signature de l'enseignant:

Le:

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