



2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Anglais technique / Section A / 1

## PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181939080078	3.0	0.0	3.0	NORMALE
2	181839072967	3.0	0.0	3.0	NORMALE
3	191939067920	10.0	0.0	10.0	NORMALE
4	202039061750	15.0	0.0	15.0	NORMALE
5	191939067974	4.0	0.0	4.0	NORMALE
6	202039072214	7.0	0.0	7.0	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	13.0	0.0	13.0	NORMALE
9	202039064350	7.0	0.0	7.0	NORMALE
10	191939071348	7.0	0.0	7.0	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	8.0	0.0	8.0	NORMALE
13	191939068267	6.0	0.0	6.0	NORMALE
14	181839062998	0.0	0.0	0.0	NORMALE
15	191939068795	10.0	0.0	10.0	NORMALE
16	202039070881	5.0	0.0	5.0	NORMALE
17	202039066439	8.0	0.0	8.0	NORMALE
18	202039070538	11.0	0.0	11.0	NORMALE
19	171739067651	0.0	0.0	0.0	NORMALE
20	191939064682	12.0	0.0	12.0	NORMALE
21	202039066719	10.0	0.0	10.0	NORMALE
22	202039065292	13.0	0.0	13.0	NORMALE
23	191939073671	8.0	0.0	8.0	NORMALE
24	202039062180	10.0	0.0	10.0	NORMALE
25	191939068040	10.0	0.0	10.0	NORMALE
26	191939073693	0.0	0.0	0.0	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	6.0	0.0	6.0	NORMALE
29	191939067006	7.0	0.0	7.0	NORMALE
30	191939054580	6.0	0.0	6.0	NORMALE
31	202039070934	6.0	0.0	6.0	NORMALE
32	191939064414	13.0	0.0	13.0	NORMALE
33	171539072043	15.5	0.0	15.5	NORMALE

2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Dessin technique / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181939080078	0.0	6.7	6.7	NORMALE
2	181839072967	0.0	10.65	10.65	NORMALE
3	191939067920	0.0	11.45	11.45	NORMALE
4	202039061750	0.0	9.4	9.4	NORMALE
5	191939067974	0.0	14.17	14.17	NORMALE
6	202039072214	0.0	10.7	10.7	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	0.0	14.95	14.95	NORMALE
9	202039064350	0.0	13.3	13.3	NORMALE
10	191939071348	0.0	14.13	14.13	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	0.0	16.15	16.15	NORMALE
13	191939068267	0.0	13.1	13.1	NORMALE
14	181839062998	0.0	12.4	12.4	NORMALE
15	191939068795	0.0	0.0	0.0	NORMALE
16	202039070881	0.0	9.15	9.15	NORMALE
17	202039066439	0.0	14.15	14.15	NORMALE
18	202039070538	0.0	15.9	15.9	NORMALE
19	171739067651	0.0	0.0	0.0	NORMALE
20	191939064682	0.0	7.4	7.4	NORMALE
21	202039066719	0.0	11.95	11.95	NORMALE
22	202039065292	0.0	13.3	13.3	NORMALE
23	191939073671	0.0	10.4	10.4	NORMALE
24	202039062180	0.0	9.2	9.2	NORMALE
25	191939068040	0.0	0.0	0.0	NORMALE
26	191939073693	0.0	10.57	10.57	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	0.0	0.0	0.0	NORMALE
29	191939067006	0.0	12.75	12.75	NORMALE
30	191939054580	0.0	15.65	15.65	NORMALE
31	202039070934	0.0	15.3	15.3	NORMALE
32	191939064414	0.0	0.0	0.0	NORMALE
33	171539072043	0.0	0.0	0.0	NORMALE

2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Informatique 3 / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181939080078	0.0	8.0	8.0	NORMALE
2	181839072967	0.0	12.0	12.0	NORMALE
3	191939067920	0.0	13.0	13.0	NORMALE
4	202039061750	0.0	12.0	12.0	NORMALE
5	191939067974	13.0	13.0	13.0	NORMALE
6	202039072214	0.0	8.0	8.0	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	0.0	10.0	10.0	NORMALE
9	202039064350	0.0	12.0	12.0	NORMALE
10	191939071348	10.0	10.0	10.0	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	0.0	14.0	14.0	NORMALE
13	191939068267	0.0	12.0	12.0	NORMALE
14	181839062998	12.0	12.0	12.0	NORMALE
15	191939068795	0.0	4.0	4.0	NORMALE
16	202039070881	0.0	4.0	4.0	NORMALE
17	202039066439	0.0	12.0	12.0	NORMALE
18	202039070538	0.0	12.0	12.0	NORMALE
19	171739067651	0.0	0.0	0.0	NORMALE
20	191939064682	0.0	4.0	4.0	NORMALE
21	202039066719	0.0	12.0	12.0	NORMALE
22	202039065292	0.0	12.0	12.0	NORMALE
23	191939073671	0.0	8.0	8.0	NORMALE
24	202039062180	0.0	8.0	8.0	NORMALE
25	191939068040	0.0	8.0	8.0	NORMALE
26	191939073693	9.0	9.0	9.0	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	12.0	12.0	12.0	NORMALE
29	191939067006	0.0	8.0	8.0	NORMALE
30	191939054580	0.0	18.0	18.0	NORMALE
31	202039070934	0.0	4.0	4.0	NORMALE
32	191939064414	0.0	0.0	0.0	NORMALE
33	171539072043	0.0	14.8	14.8	NORMALE

2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Mathématiques 3 / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181939080078	0.0	11.0	4.4	NORMALE
2	181839072967	0.0	10.5	4.2	NORMALE
3	191939067920	6.0	12.5	8.6	NORMALE
4	202039061750	4.5	16.0	9.1	NORMALE
5	191939067974	10.2	10.2	10.2	NORMALE
6	202039072214	2.0	7.5	4.2	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	8.0	13.5	10.2	NORMALE
9	202039064350	0.0	12.5	5.0	NORMALE
10	191939071348	0.0	12.5	5.0	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	7.0	16.0	10.6	NORMALE
13	191939068267	8.0	13.5	10.2	NORMALE
14	181839062998	0.0	10.5	4.2	NORMALE
15	191939068795	1.0	2.5	1.6	NORMALE
16	202039070881	0.0	12.0	4.8	NORMALE
17	202039066439	8.0	13.5	10.2	NORMALE
18	202039070538	8.0	13.0	10.0	NORMALE
19	171739067651	0.0	0.0	0.0	NORMALE
20	191939064682	0.0	13.5	5.4	NORMALE
21	202039066719	8.0	13.5	10.2	NORMALE
22	202039065292	2.0	13.5	6.6	NORMALE
23	191939073671	2.5	11.0	5.9	NORMALE
24	202039062180	3.0	10.0	5.8	NORMALE
25	191939068040	0.0	7.0	2.8	NORMALE
26	191939073693	1.5	14.5	6.7	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	0.0	0.0	0.0	NORMALE
29	191939067006	2.5	12.0	6.3	NORMALE
30	191939054580	3.0	13.5	7.2	NORMALE
31	202039070934	2.5	12.5	6.5	NORMALE
32	191939064414	3.5	0.0	2.1	NORMALE
33	171539072043	0.0	0.0	0.0	NORMALE

2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Mécanique des fluides / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181939080078	9.7	11.0	10.22	NORMALE
2	181839072967	10.0	10.0	10.0	NORMALE
3	191939067920	9.7	11.0	10.22	NORMALE
4	202039061750	8.4	13.0	10.24	NORMALE
5	191939067974	2.0	0.0	1.2	NORMALE
6	202039072214	11.0	12.0	11.4	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	10.0	15.5	12.2	NORMALE
9	202039064350	9.0	12.0	10.2	NORMALE
10	191939071348	9.7	11.0	10.22	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	11.0	14.0	12.2	NORMALE
13	191939068267	9.7	11.0	10.22	NORMALE
14	181839062998	0.0	11.0	4.4	NORMALE
15	191939068795	6.0	0.0	3.6	NORMALE
16	202039070881	0.0	12.0	4.8	NORMALE
17	202039066439	9.4	11.5	10.24	NORMALE
18	202039070538	11.0	13.0	11.8	NORMALE
19	171739067651	10.34	0.0	6.2	NORMALE
20	191939064682	10.0	10.5	10.2	NORMALE
21	202039066719	10.0	10.5	10.2	NORMALE
22	202039065292	10.0	10.5	10.2	NORMALE
23	191939073671	9.0	12.0	10.2	NORMALE
24	202039062180	0.0	12.0	4.8	NORMALE
25	191939068040	0.0	7.5	3.0	NORMALE
26	191939073693	13.0	13.0	13.0	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	0.0	0.0	0.0	NORMALE
29	191939067006	9.0	12.0	10.2	NORMALE
30	191939054580	10.0	10.5	10.2	NORMALE
31	202039070934	9.4	11.5	10.24	NORMALE
32	191939064414	6.0	0.0	3.6	NORMALE
33	171539072043	9.1	9.1	9.1	NORMALE

2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Mécanique rationnelle / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181939080078	3.0	10.0	5.8	NORMALE
2	181839072967	3.0	10.0	5.8	NORMALE
3	191939067920	4.0	11.5	7.0	NORMALE
4	202039061750	3.0	12.0	6.6	NORMALE
5	191939067974	3.0	0.0	1.8	NORMALE
6	202039072214	11.0	13.0	11.8	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	7.0	10.5	8.4	NORMALE
9	202039064350	3.0	7.5	4.8	NORMALE
10	191939071348	6.0	9.0	7.2	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	7.0	17.0	11.0	NORMALE
13	191939068267	3.0	10.5	6.0	NORMALE
14	181839062998	3.0	11.0	6.2	NORMALE
15	191939068795	2.0	7.0	4.0	NORMALE
16	202039070881	0.0	8.0	3.2	NORMALE
17	202039066439	3.0	9.0	5.4	NORMALE
18	202039070538	4.0	12.0	7.2	NORMALE
19	171739067651	0.0	0.0	0.0	NORMALE
20	191939064682	2.0	10.0	5.2	NORMALE
21	202039066719	3.0	10.0	5.8	NORMALE
22	202039065292	9.0	12.0	10.2	NORMALE
23	191939073671	4.0	16.0	8.8	NORMALE
24	202039062180	3.0	0.0	1.8	NORMALE
25	191939068040	2.0	9.0	4.8	NORMALE
26	191939073693	7.0	7.0	7.0	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	3.0	0.0	1.8	NORMALE
29	191939067006	3.0	8.0	5.0	NORMALE
30	191939054580	12.0	13.5	12.6	NORMALE
31	202039070934	3.0	7.0	4.6	NORMALE
32	191939064414	4.0	0.0	2.4	NORMALE
33	171539072043	13.7	13.7	13.7	NORMALE

2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Métrologie / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181939080078	5.5	0.0	5.5	NORMALE
2	181839072967	5.0	0.0	5.0	NORMALE
3	191939067920	5.5	0.0	5.5	NORMALE
4	202039061750	6.0	0.0	6.0	NORMALE
5	191939067974	5.0	0.0	5.0	NORMALE
6	202039072214	12.0	0.0	12.0	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	5.0	0.0	5.0	NORMALE
9	202039064350	5.25	0.0	5.25	NORMALE
10	191939071348	6.25	0.0	6.25	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	0.0	0.0	0.0	NORMALE
13	191939068267	5.25	0.0	5.25	NORMALE
14	181839062998	0.0	0.0	0.0	NORMALE
15	191939068795	5.0	0.0	5.0	NORMALE
16	202039070881	0.0	0.0	0.0	NORMALE
17	202039066439	5.0	0.0	5.0	NORMALE
18	202039070538	11.0	0.0	11.0	NORMALE
19	171739067651	0.0	0.0	0.0	NORMALE
20	191939064682	0.0	0.0	0.0	NORMALE
21	202039066719	5.0	0.0	5.0	NORMALE
22	202039065292	6.25	0.0	6.25	NORMALE
23	191939073671	5.0	0.0	5.0	NORMALE
24	202039062180	5.0	0.0	5.0	NORMALE
25	191939068040	5.0	0.0	5.0	NORMALE
26	191939073693	0.0	0.0	0.0	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	5.0	0.0	5.0	NORMALE
29	191939067006	6.0	0.0	6.0	NORMALE
30	191939054580	5.0	0.0	5.0	NORMALE
31	202039070934	10.0	0.0	10.0	NORMALE
32	191939064414	5.0	0.0	5.0	NORMALE
33	171539072043	11.0	0.0	11.0	NORMALE

2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Ondes et vibrations / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181939080078	1.0	6.5	3.2	NORMALE
2	181839072967	1.0	7.5	3.6	NORMALE
3	191939067920	3.0	11.0	6.2	NORMALE
4	202039061750	10.0	10.0	10.0	NORMALE
5	191939067974	1.0	0.0	0.6	NORMALE
6	202039072214	4.0	11.5	7.0	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	6.0	11.0	8.0	NORMALE
9	202039064350	2.0	12.0	6.0	NORMALE
10	191939071348	1.0	9.0	4.2	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	20.0	20.0	20.0	NORMALE
13	191939068267	4.0	11.0	6.8	NORMALE
14	181839062998	4.0	0.0	2.4	NORMALE
15	191939068795	1.0	0.0	0.6	NORMALE
16	202039070881	0.0	7.5	3.0	NORMALE
17	202039066439	3.0	11.5	6.4	NORMALE
18	202039070538	4.5	14.75	8.6	NORMALE
19	171739067651	0.0	0.0	0.0	NORMALE
20	191939064682	1.0	7.5	3.6	NORMALE
21	202039066719	2.0	0.0	1.2	NORMALE
22	202039065292	5.0	11.0	7.4	NORMALE
23	191939073671	2.0	12.5	6.2	NORMALE
24	202039062180	0.0	0.0	0.0	NORMALE
25	191939068040	1.0	11.0	5.0	NORMALE
26	191939073693	1.0	10.5	4.8	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	13.6	13.6	13.6	NORMALE
29	191939067006	4.0	11.0	6.8	NORMALE
30	191939054580	3.0	11.5	6.4	NORMALE
31	202039070934	1.5	11.5	5.5	NORMALE
32	191939064414	0.0	5.0	2.0	NORMALE
33	171539072043	10.6	10.6	10.6	NORMALE



2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Probabilités et statistiques / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181939080078	11.0	7.5	9.6	NORMALE
2	181839072967	9.0	7.5	8.4	NORMALE
3	191939067920	9.0	15.0	11.4	NORMALE
4	202039061750	7.5	13.0	9.7	NORMALE
5	191939067974	10.8	10.8	10.8	NORMALE
6	202039072214	10.0	16.0	12.4	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	12.0	11.0	11.6	NORMALE
9	202039064350	7.0	7.5	7.2	NORMALE
10	191939071348	7.6	7.6	7.6	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	15.0	20.0	17.0	NORMALE
13	191939068267	13.0	15.5	14.0	NORMALE
14	181839062998	14.0	14.0	14.0	NORMALE
15	191939068795	3.0	7.5	4.8	NORMALE
16	202039070881	0.0	0.0	0.0	NORMALE
17	202039066439	7.0	8.5	7.6	NORMALE
18	202039070538	11.0	13.0	11.8	NORMALE
19	171739067651	0.0	0.0	0.0	NORMALE
20	191939064682	3.0	7.5	4.8	NORMALE
21	202039066719	6.0	10.0	7.6	NORMALE
22	202039065292	11.0	6.0	9.0	NORMALE
23	191939073671	9.0	9.0	9.0	NORMALE
24	202039062180	10.0	0.0	6.0	NORMALE
25	191939068040	6.0	9.0	7.2	NORMALE
26	191939073693	11.4	11.4	11.4	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	10.0	10.0	10.0	NORMALE
29	191939067006	7.0	11.0	8.6	NORMALE
30	191939054580	14.0	12.0	13.2	NORMALE
31	202039070934	9.0	6.0	7.8	NORMALE
32	191939064414	7.0	7.5	7.2	NORMALE
33	171539072043	0.0	0.0	0.0	NORMALE

2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Technologie de base / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181939080078	5.0	0.0	5.0	NORMALE
2	181839072967	5.0	0.0	5.0	NORMALE
3	191939067920	5.0	0.0	5.0	NORMALE
4	202039061750	5.0	0.0	5.0	NORMALE
5	191939067974	5.0	0.0	5.0	NORMALE
6	202039072214	9.0	0.0	9.0	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	5.0	0.0	5.0	NORMALE
9	202039064350	5.25	0.0	5.25	NORMALE
10	191939071348	12.0	0.0	12.0	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	5.0	0.0	5.0	NORMALE
13	191939068267	5.0	0.0	5.0	NORMALE
14	181839062998	0.0	0.0	0.0	NORMALE
15	191939068795	5.0	0.0	5.0	NORMALE
16	202039070881	0.0	0.0	0.0	NORMALE
17	202039066439	5.0	0.0	5.0	NORMALE
18	202039070538	5.0	0.0	5.0	NORMALE
19	171739067651	0.0	0.0	0.0	NORMALE
20	191939064682	5.0	0.0	5.0	NORMALE
21	202039066719	5.0	0.0	5.0	NORMALE
22	202039065292	5.0	0.0	5.0	NORMALE
23	191939073671	5.0	0.0	5.0	NORMALE
24	202039062180	5.0	0.0	5.0	NORMALE
25	191939068040	5.0	0.0	5.0	NORMALE
26	191939073693	5.0	0.0	5.0	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	0.0	0.0	0.0	NORMALE
29	191939067006	7.0	0.0	7.0	NORMALE
30	191939054580	5.5	0.0	5.5	NORMALE
31	202039070934	13.75	0.0	13.75	NORMALE
32	191939064414	0.0	0.0	0.0	NORMALE
33	171539072043	0.0	0.0	0.0	NORMALE

2021/2022

Filière: hydraulique  
hydraulique

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: TP Ondes et vibrations / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181939080078	0.0	13.25	13.25	NORMALE
2	181839072967	0.0	13.25	13.25	NORMALE
3	191939067920	0.0	13.25	13.25	NORMALE
4	202039061750	0.0	16.5	16.5	NORMALE
5	191939067974	0.0	16.05	16.05	NORMALE
6	202039072214	0.0	12.75	12.75	NORMALE
7	181839071392	0.0	0.0	0.0	NORMALE
8	202039070310	0.0	16.5	16.5	NORMALE
9	202039064350	0.0	12.25	12.25	NORMALE
10	191939071348	0.0	14.0	14.0	NORMALE
11	191939065222	0.0	0.0	0.0	NORMALE
12	202039063319	0.0	16.5	16.5	NORMALE
13	191939068267	0.0	13.25	13.25	NORMALE
14	181839062998	0.0	13.6	13.6	NORMALE
15	191939068795	0.0	0.0	0.0	NORMALE
16	202039070881	0.0	12.75	12.75	NORMALE
17	202039066439	0.0	12.75	12.75	NORMALE
18	202039070538	0.0	16.5	16.5	NORMALE
19	171739067651	0.0	13.7	13.7	NORMALE
20	191939064682	0.0	5.0	5.0	NORMALE
21	202039066719	0.0	13.25	13.25	NORMALE
22	202039065292	0.0	14.5	14.5	NORMALE
23	191939073671	0.0	12.75	12.75	NORMALE
24	202039062180	0.0	5.0	5.0	NORMALE
25	191939068040	0.0	0.0	0.0	NORMALE
26	191939073693	0.0	13.6	13.6	NORMALE
27	181839071102	0.0	0.0	0.0	NORMALE
28	191939063865	0.0	13.75	13.75	NORMALE
29	191939067006	0.0	12.25	12.25	NORMALE
30	191939054580	0.0	12.0	12.0	NORMALE
31	202039070934	0.0	10.0	10.0	NORMALE
32	191939064414	0.0	0.0	0.0	NORMALE
33	171539072043	0.0	13.38	13.38	NORMALE