

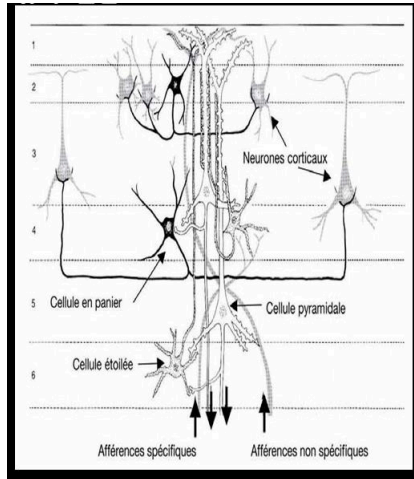
L'utilisation des Interfaces Cerveau Machine dans la communication écrite Questions

Delpeuch Sébastien – Escobosa Valentin – Javerzat Natacha

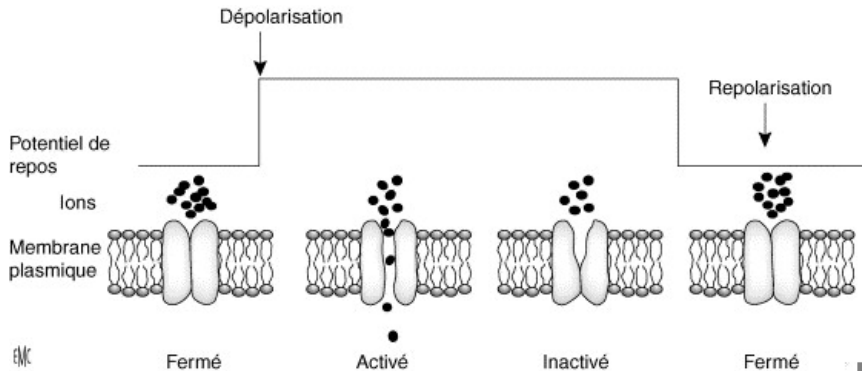
Encadré par Léa Pillette

21 mai 2019

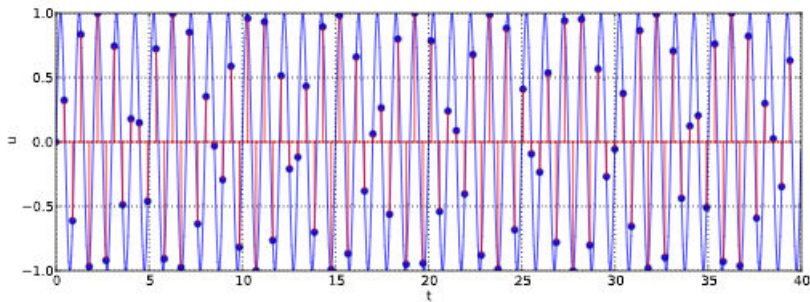
Electrogénèse cérébrale



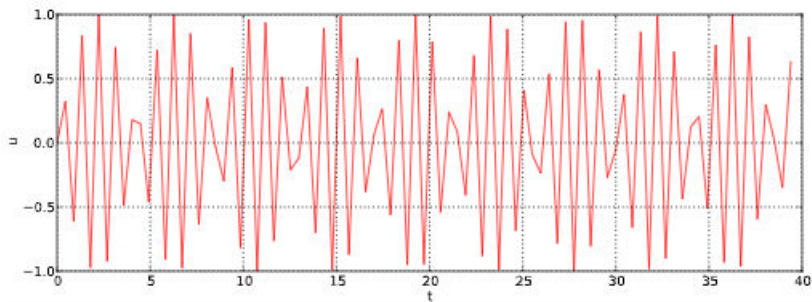
Electrogénèse cérébrale



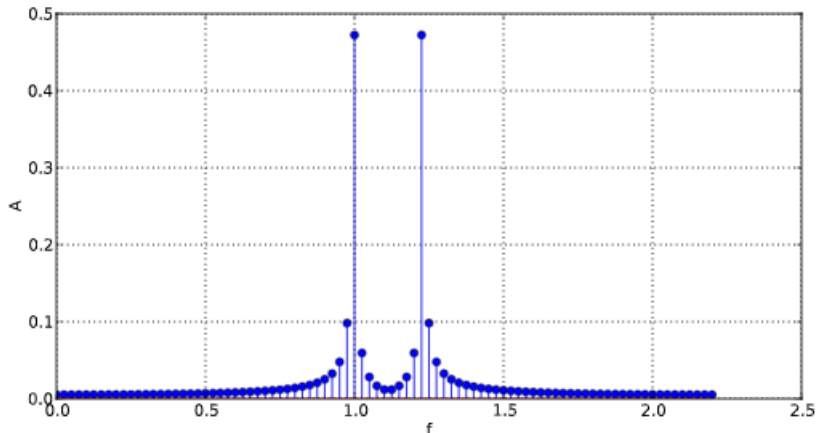
Échantillonnage par Shannon



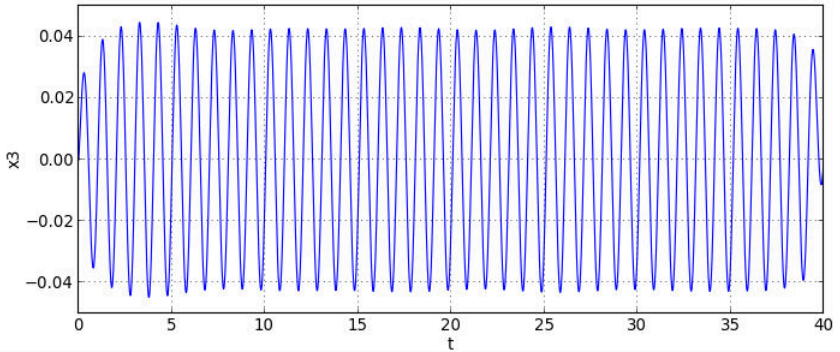
Échantillonnage par Shannon



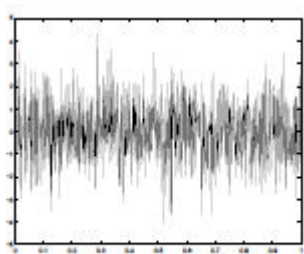
Échantillonnage par Shannon



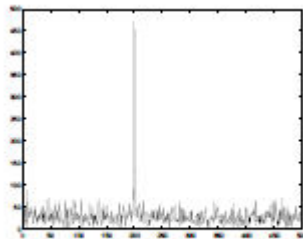
Échantillonnage par Shannon



Vers la représentation temps fréquence

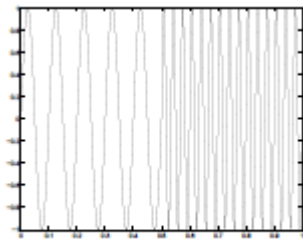


(a)

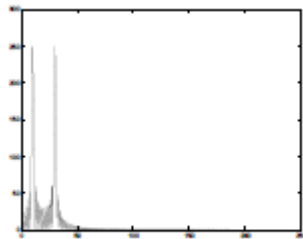


(b)

Vers la représentation temps fréquence

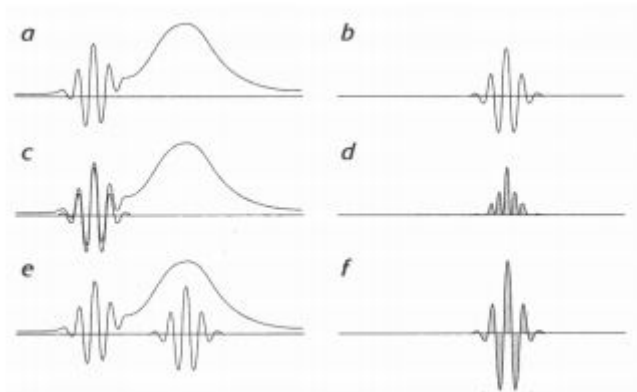


(a)

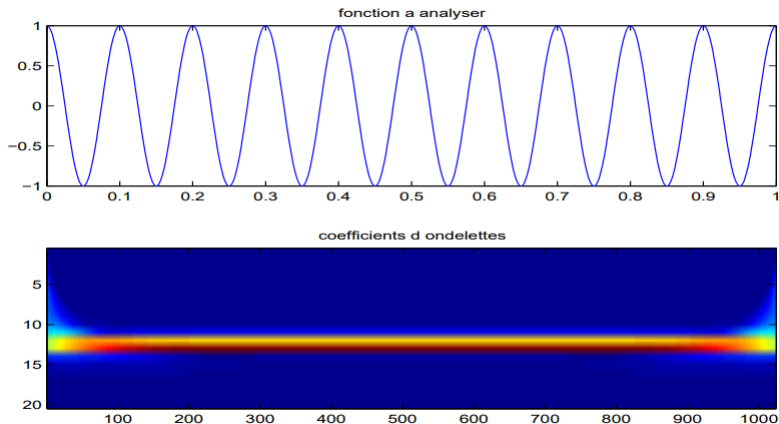


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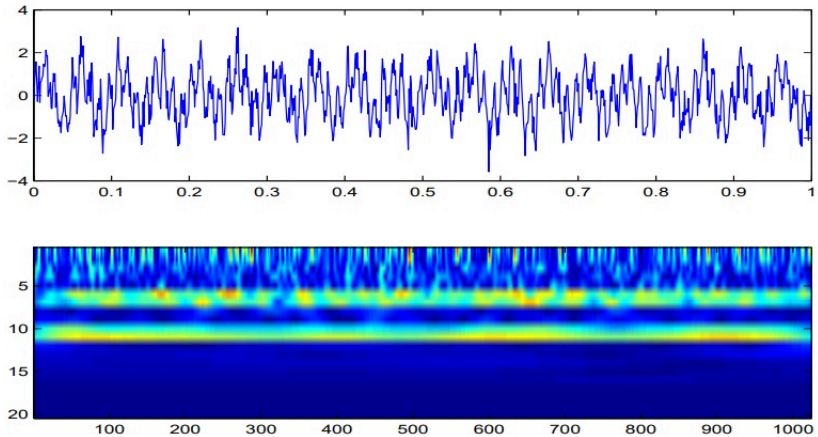
Transformée à ondelettes



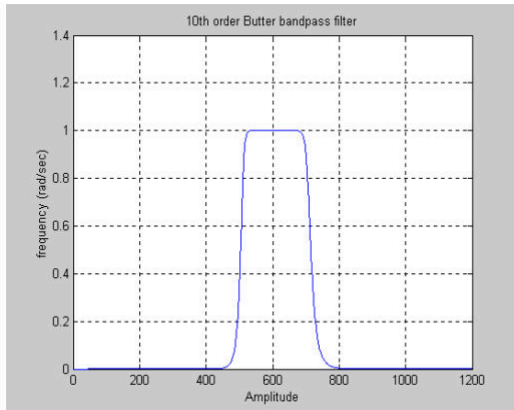
Transformée à ondelettes



Transformée à ondelettes



Le filtre passe bande



Accumulateur

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	1	2	3	4
5	6	7	8	9	0

Accumulateur

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	1	2	3	4
5	6	7	8	9	0

Accumulateur

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	1	2	3	4
5	6	7	8	9	0

Accumulateur

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	1	2	3	4
5	6	7	8	9	0

Accumulateur

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	1	2	3	4
5	6	7	8	9	0

Amélioration du paradigme

