

Hydrocinématique

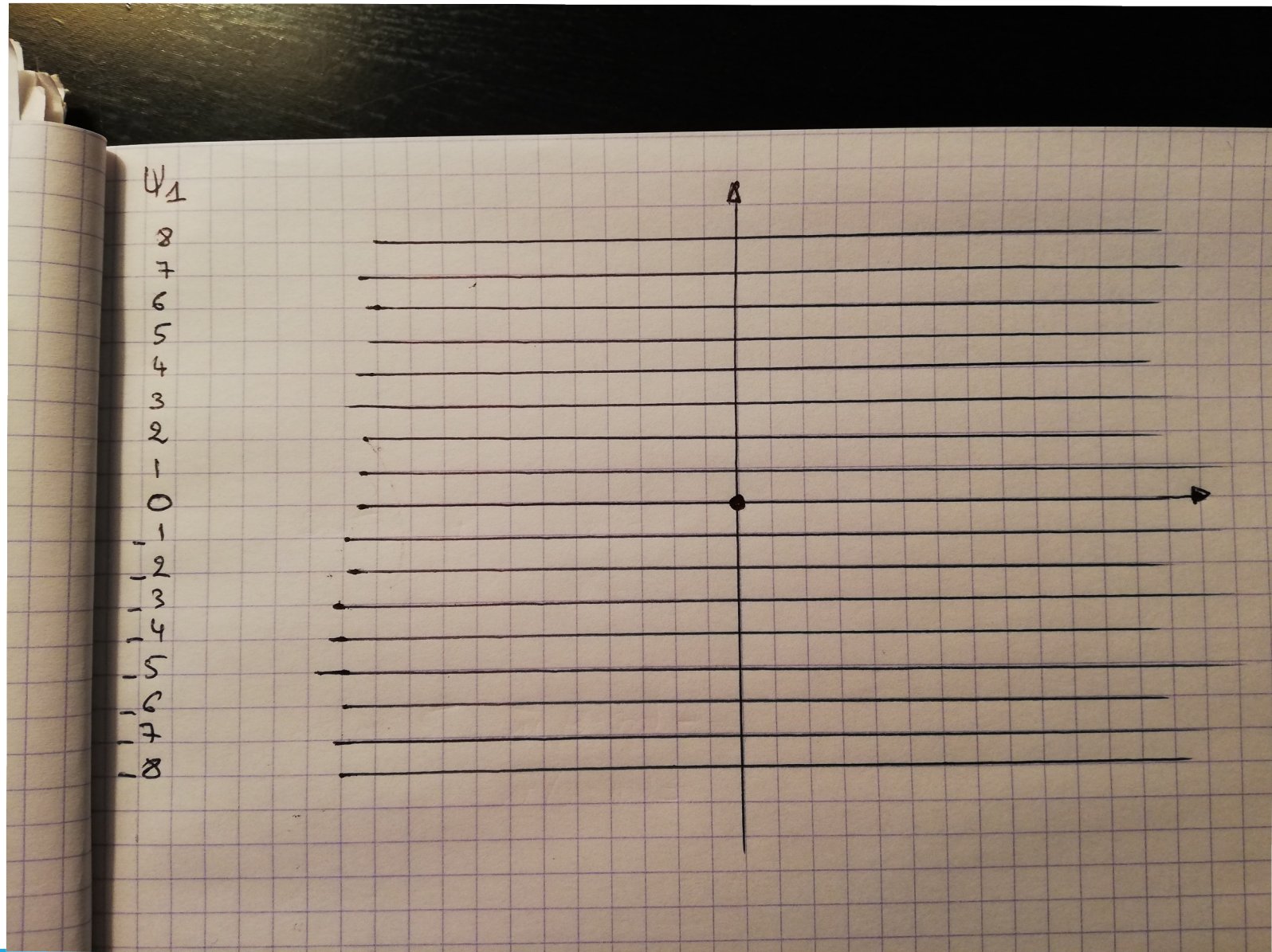
Ecoulements superposés

L2 MER – Mécanique des Fluides

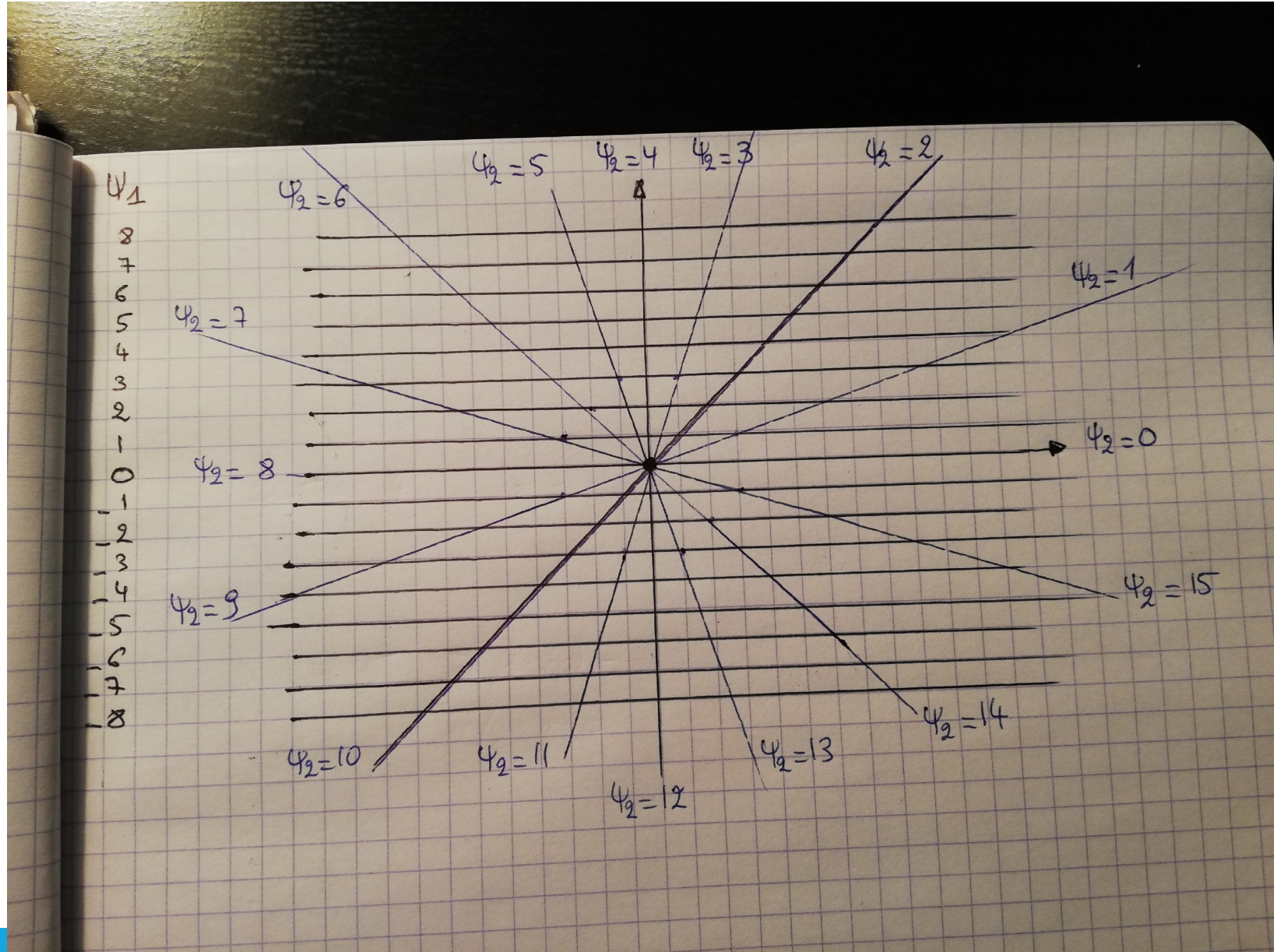
A. Petrenko
25/03/2020

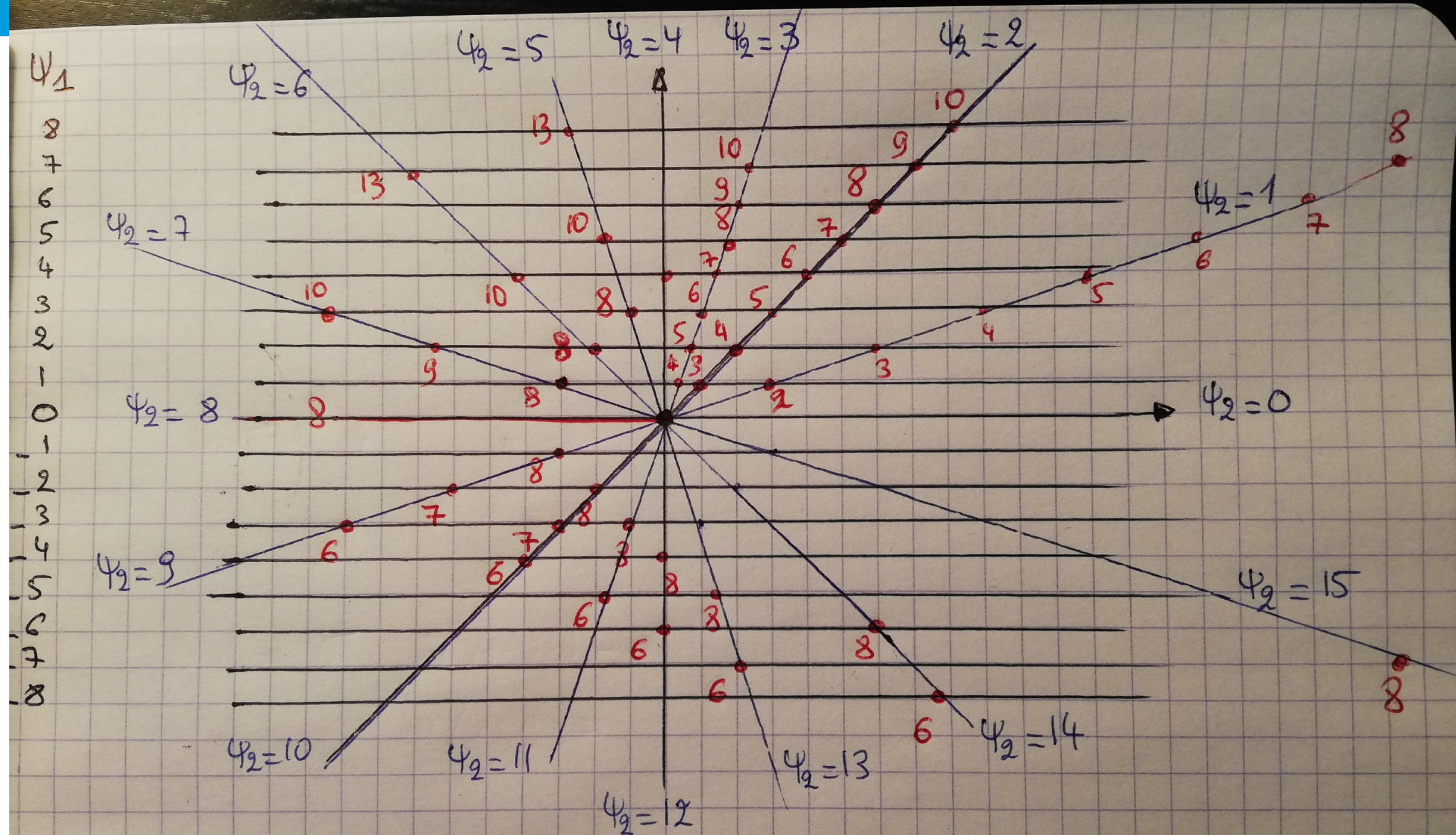


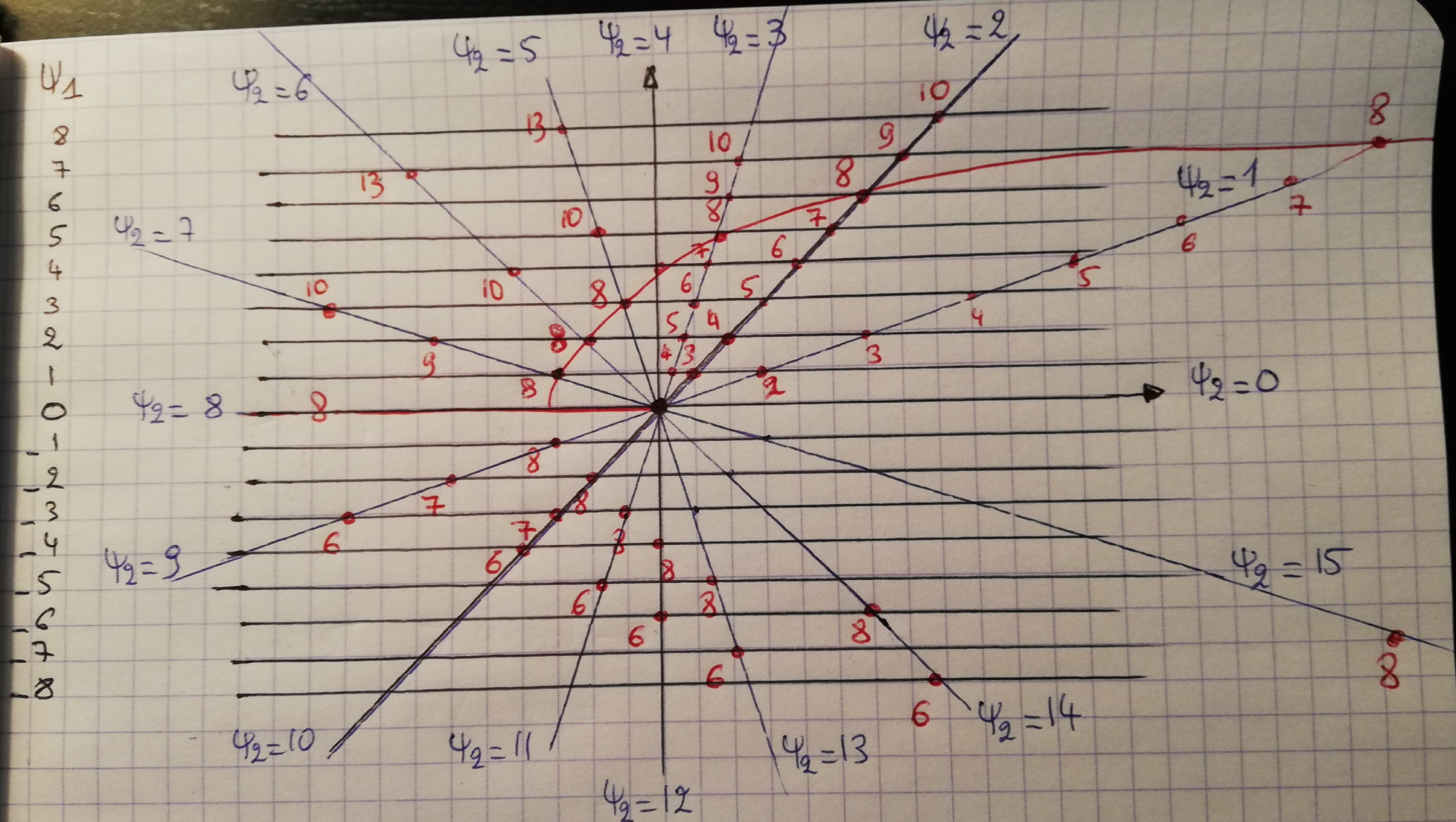
Ecoulements superposés



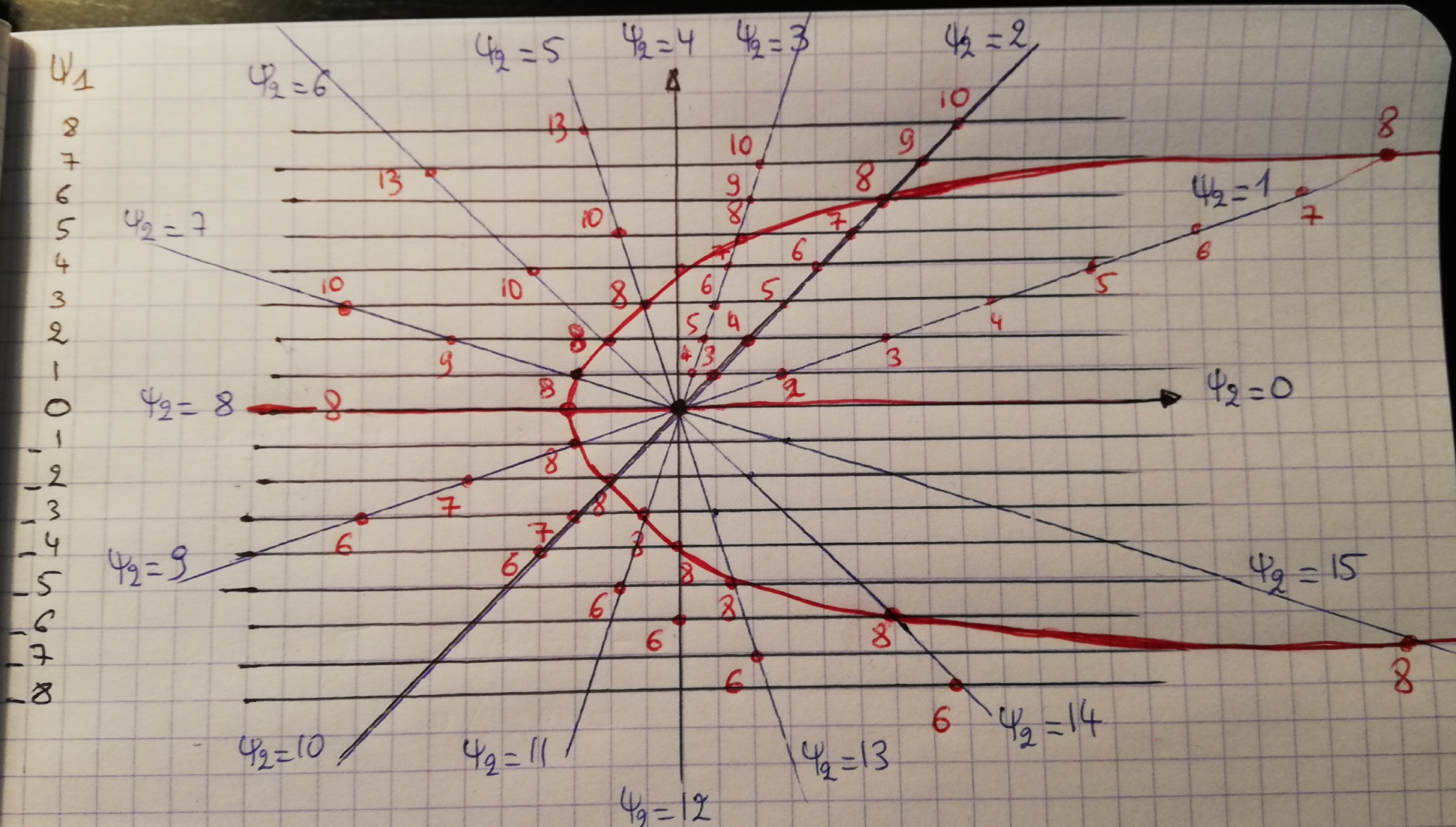
Ecoulements superposés



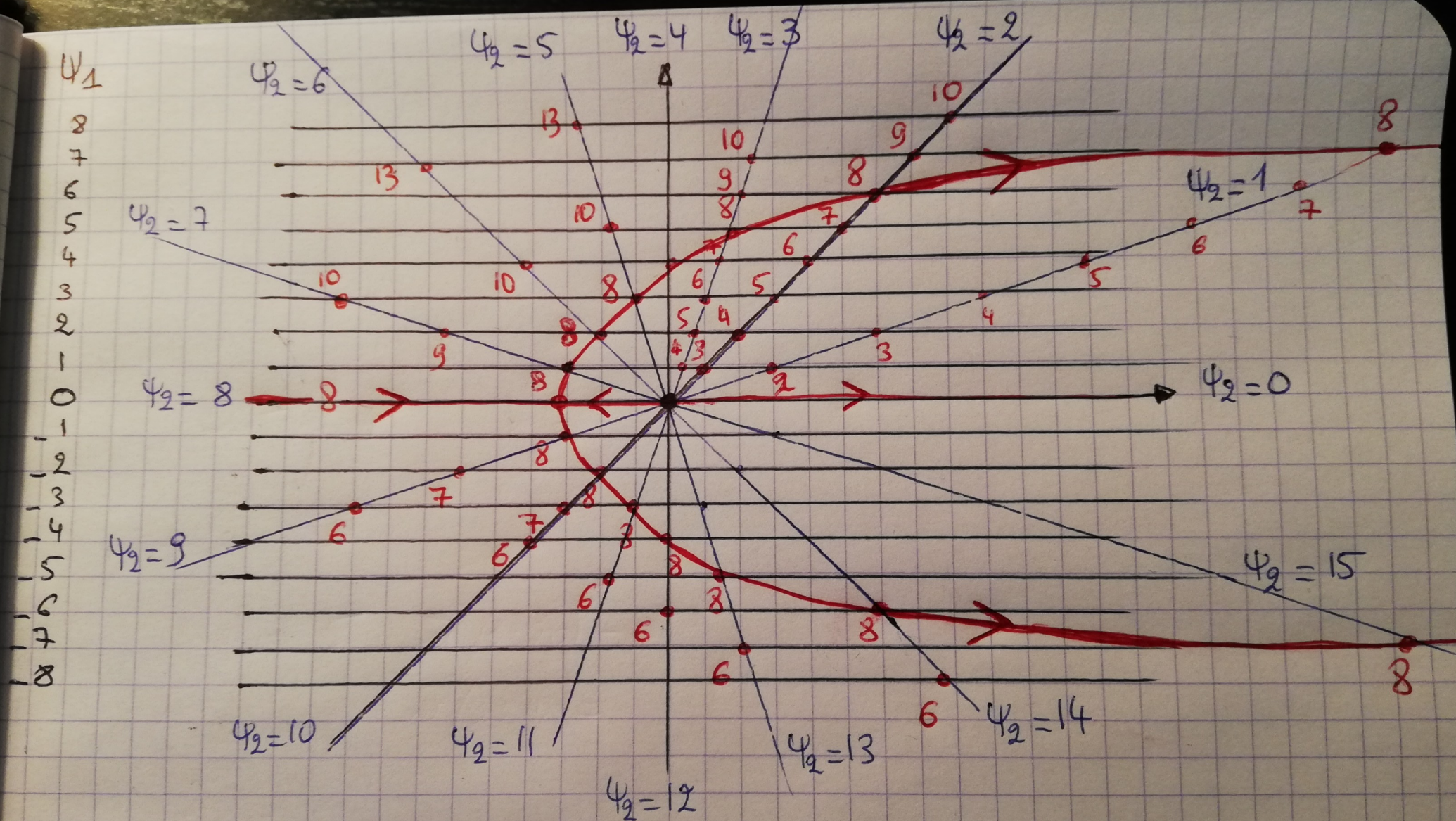




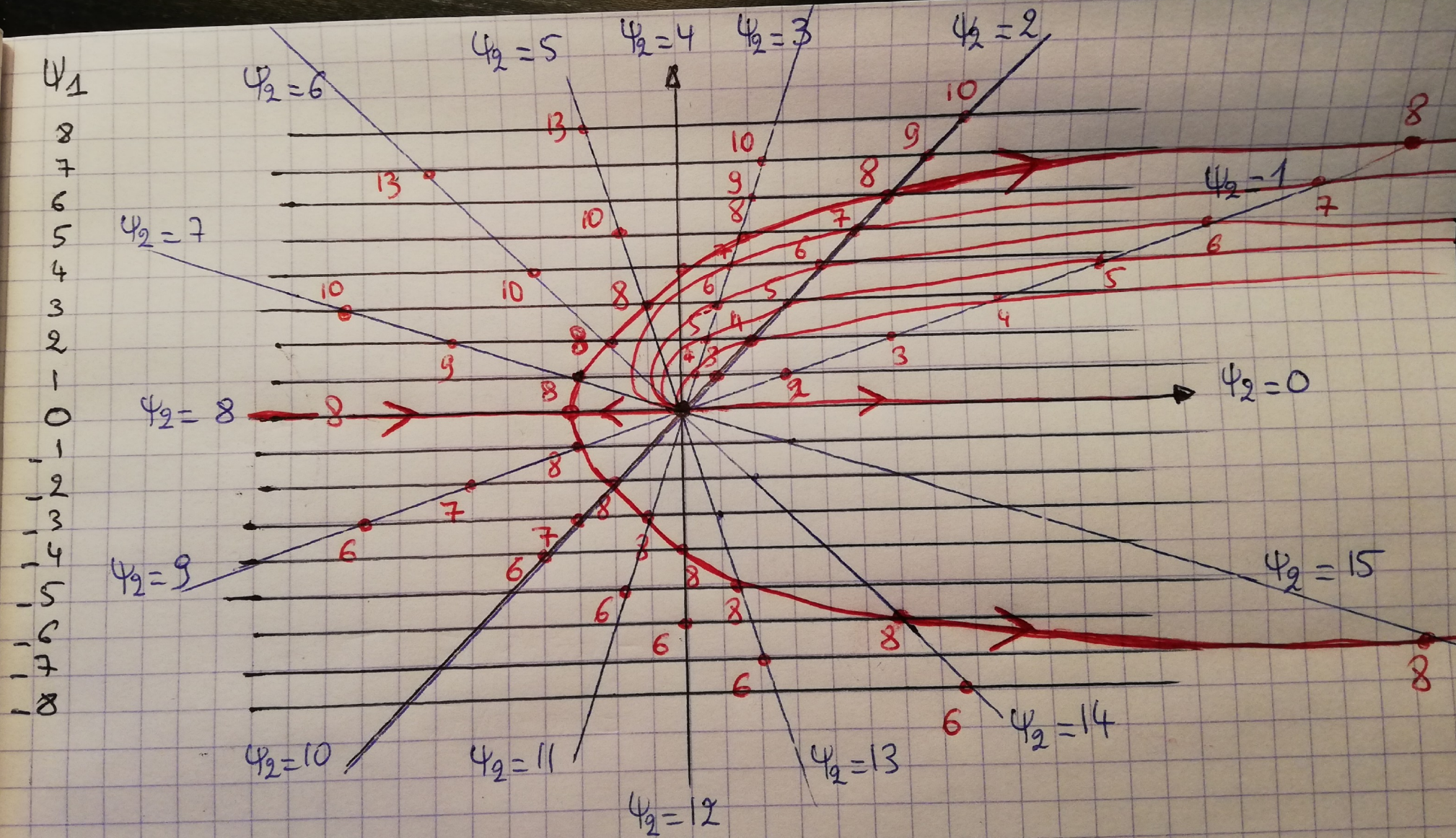
En rouge $\psi_1 + \psi_2$



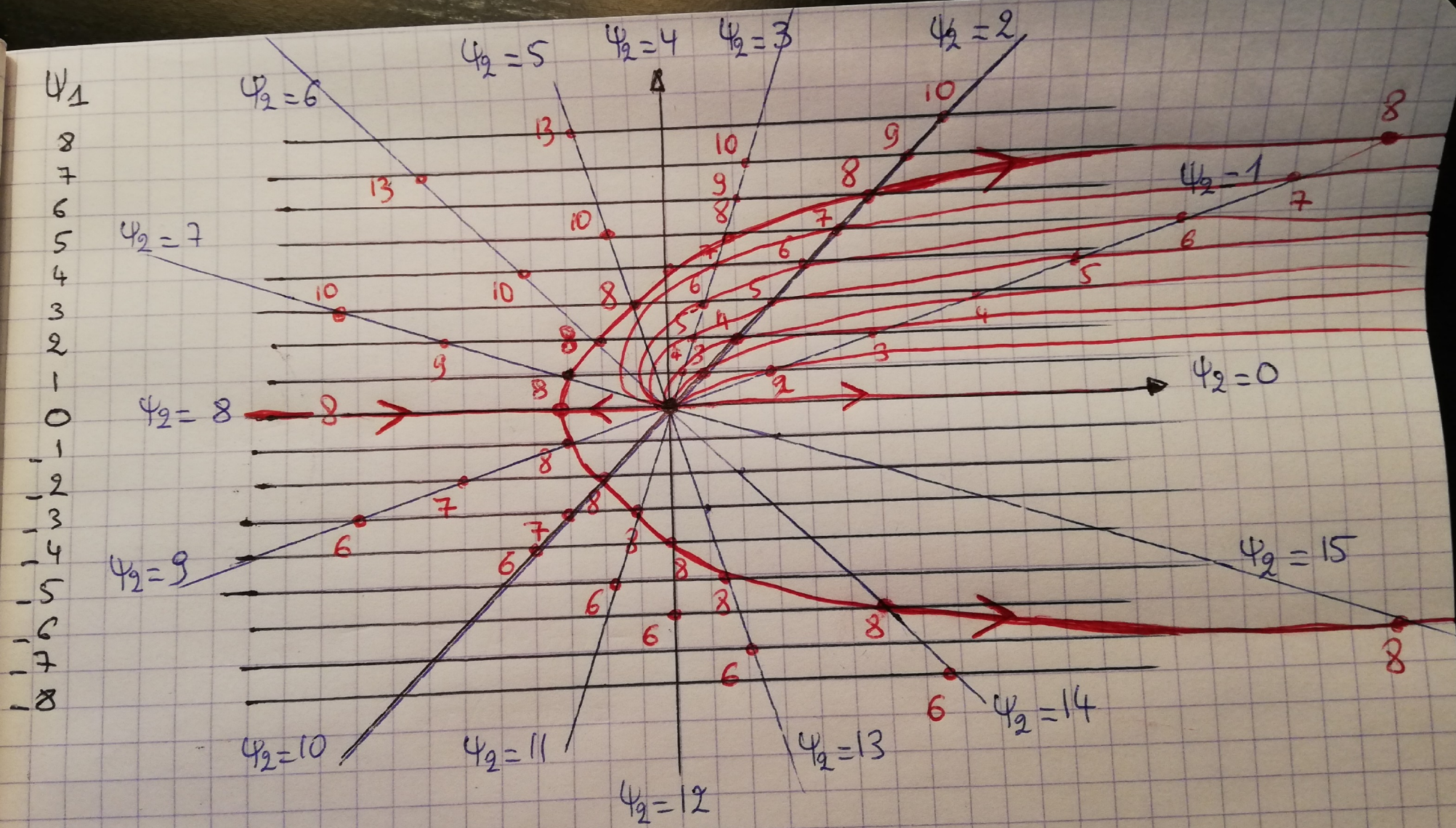
En rouge $\psi_1 + \psi_2$



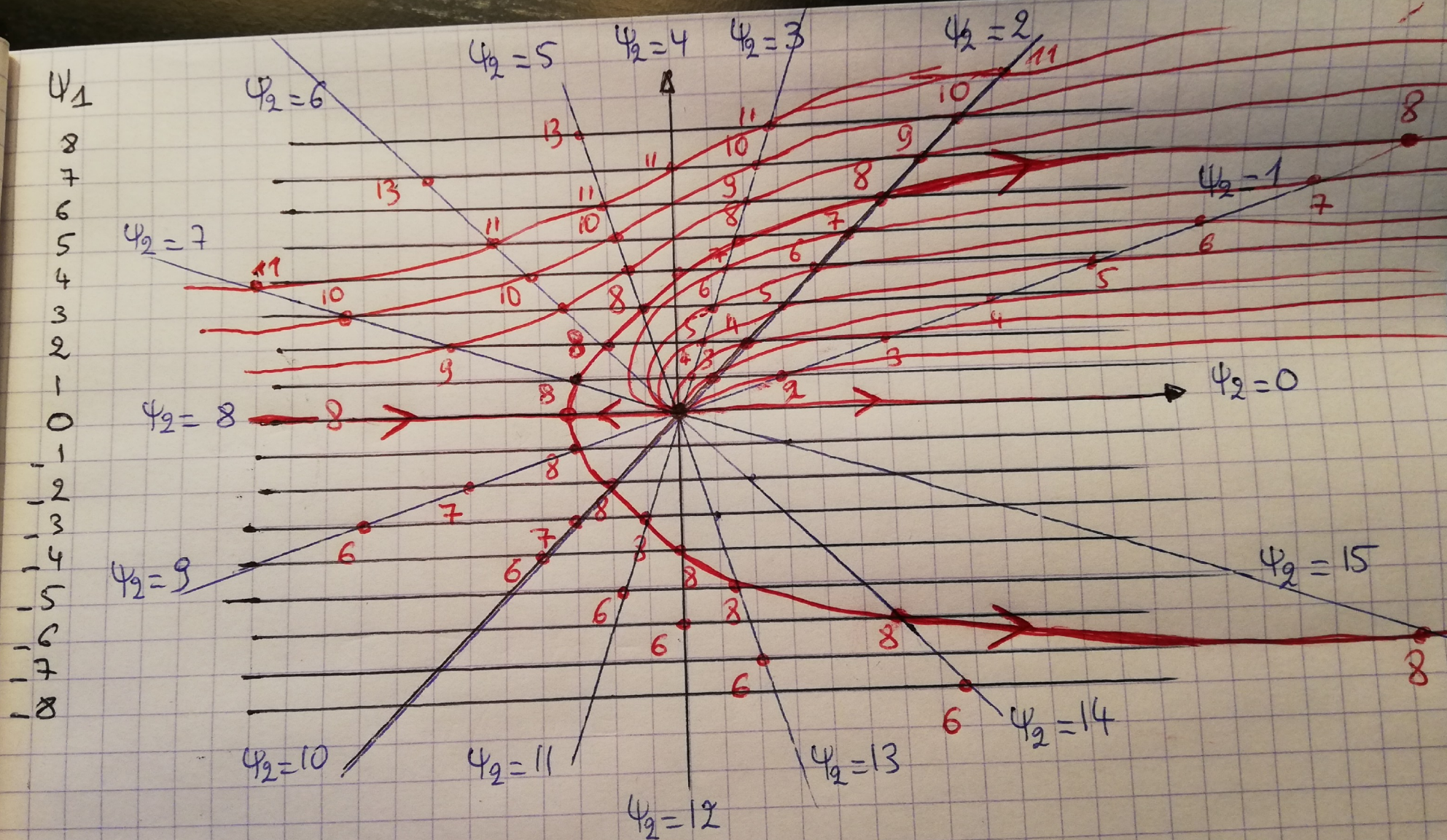
En rouge $\psi_1 + \psi_2$



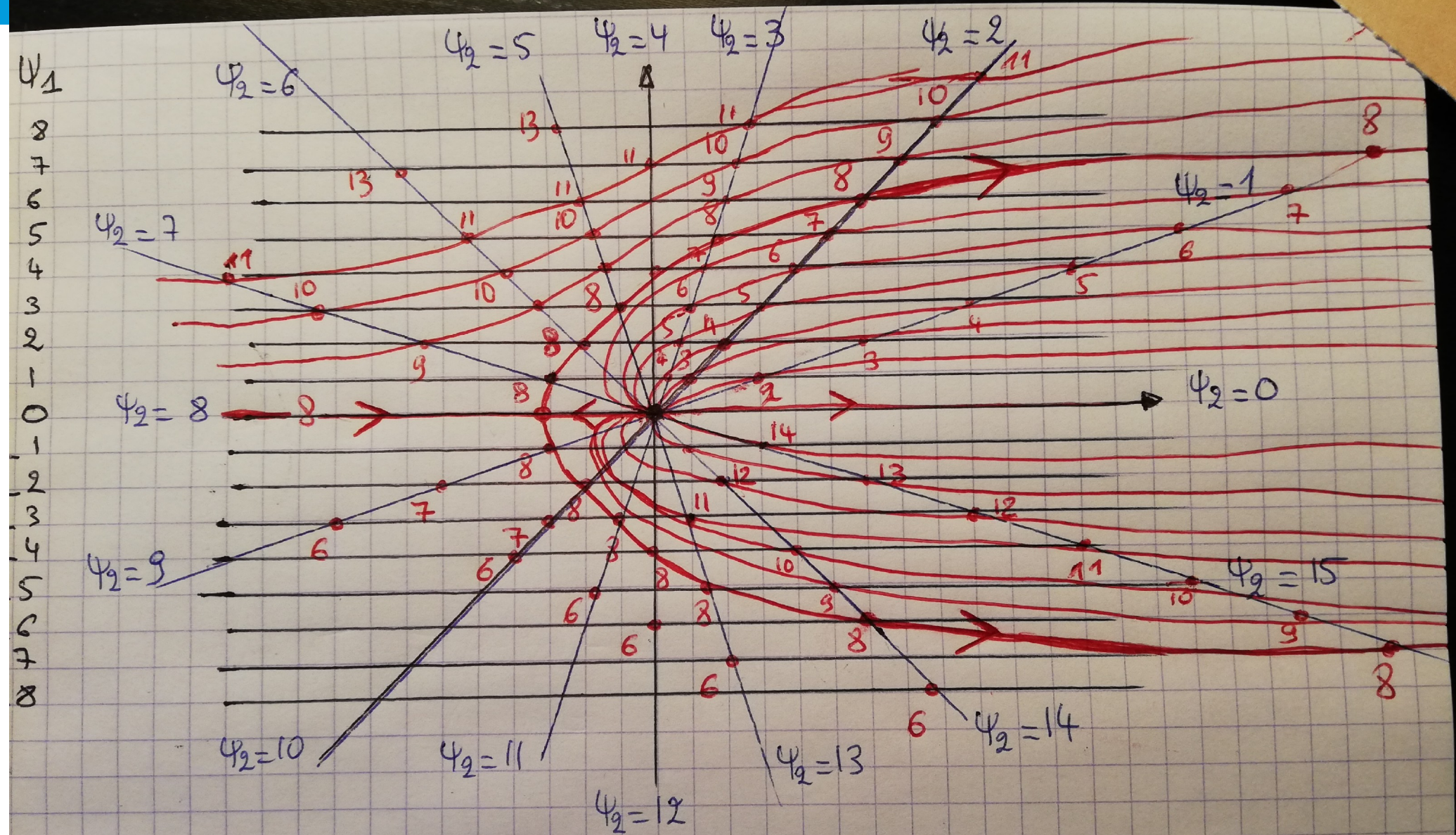
En rouge $\Psi_1 + \Psi_2$



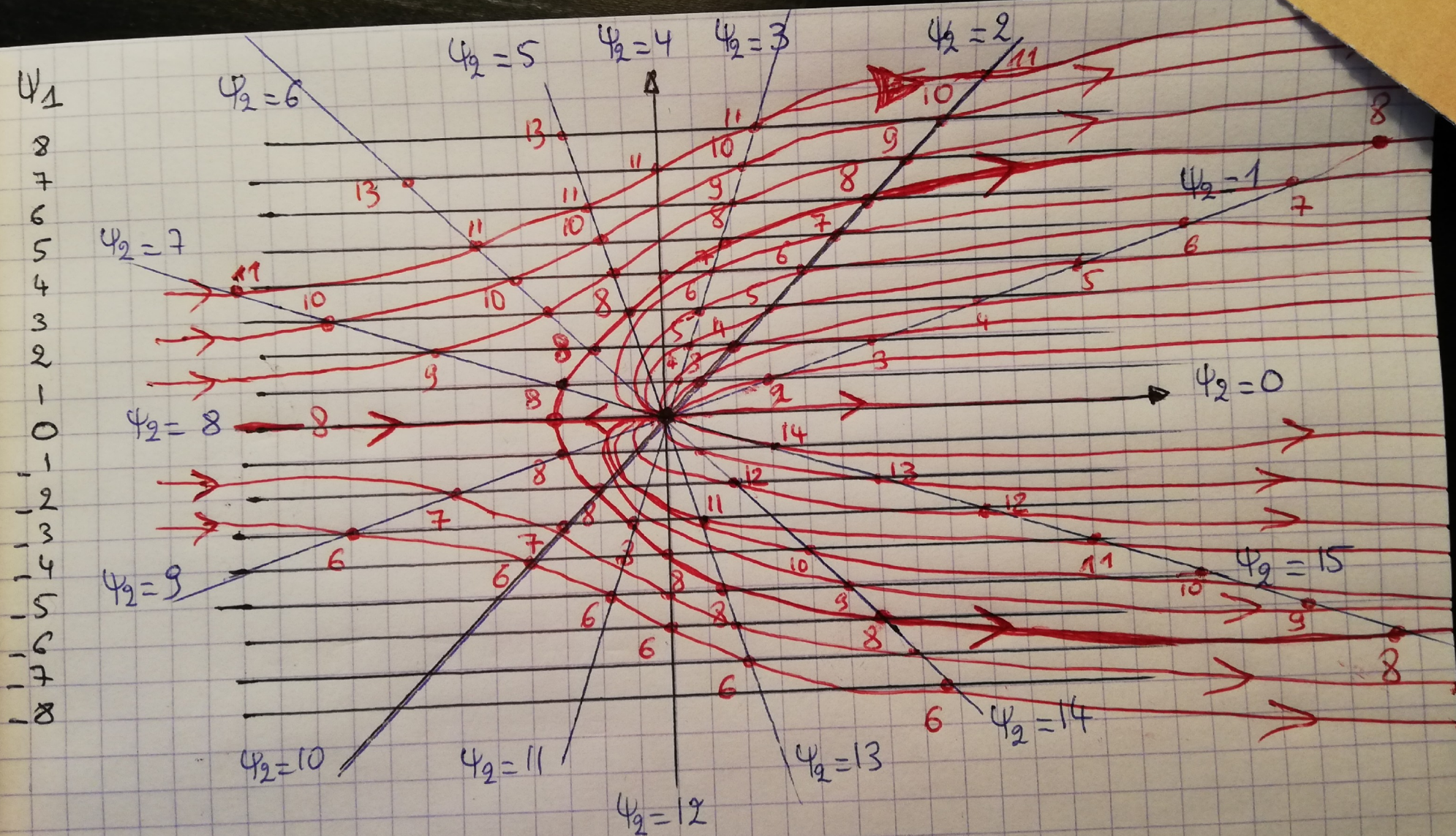
En rouge $\Psi_1 + \Psi_2$



En rouge $\psi_1 + \psi_2$



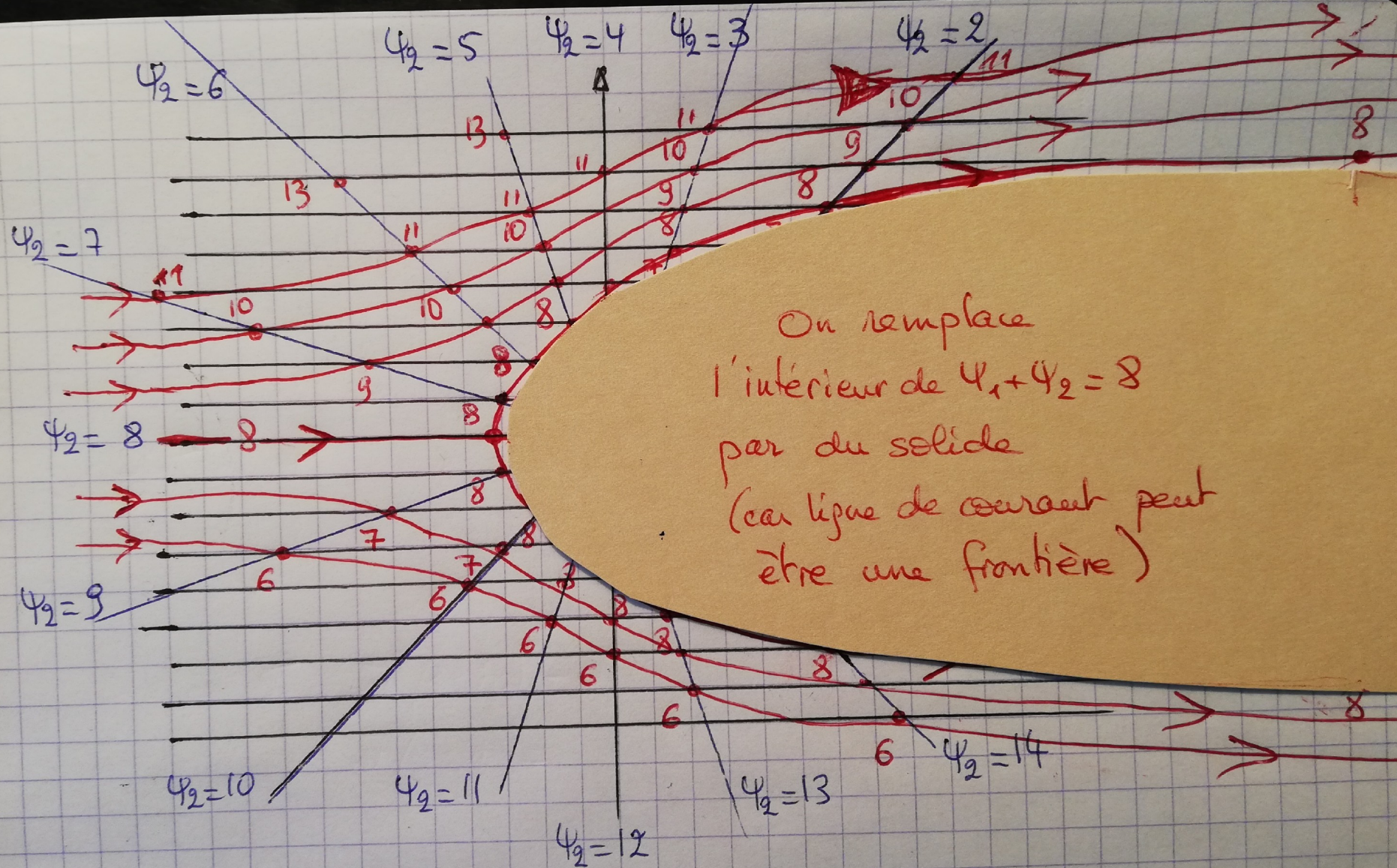
En rouge $\Psi_1 + \Psi_2$



En rouge $\psi_1 + \psi_2$

ψ_1

8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8



On remplace
l'intérieur de $\psi_1 + \psi_2 = 8$
par du solide
(car ligne de courant peut
être une frontière)

Ecoulements superposés

Voilà ! Vous savez comment superposer deux écoulements...



des questions ?