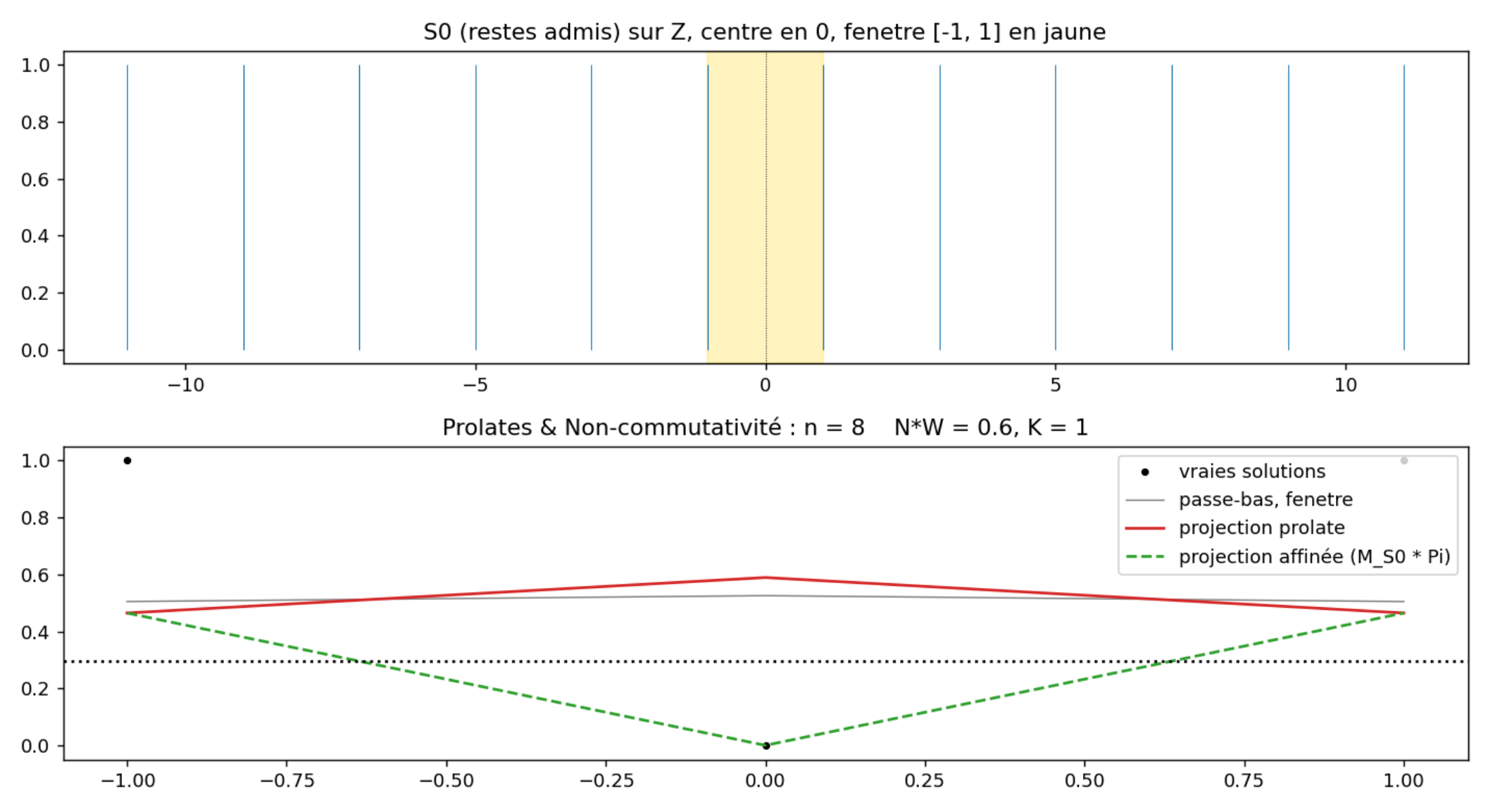
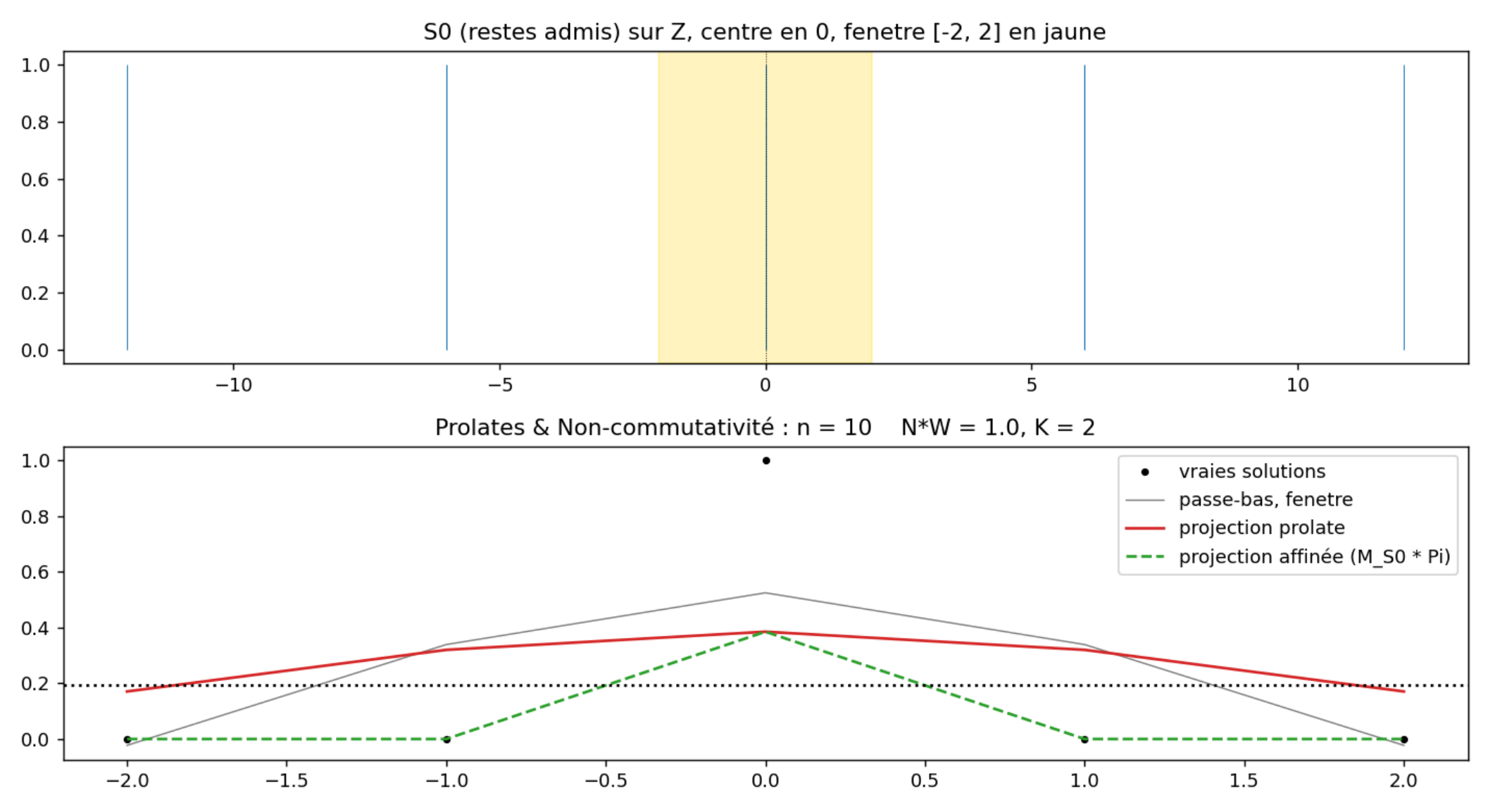
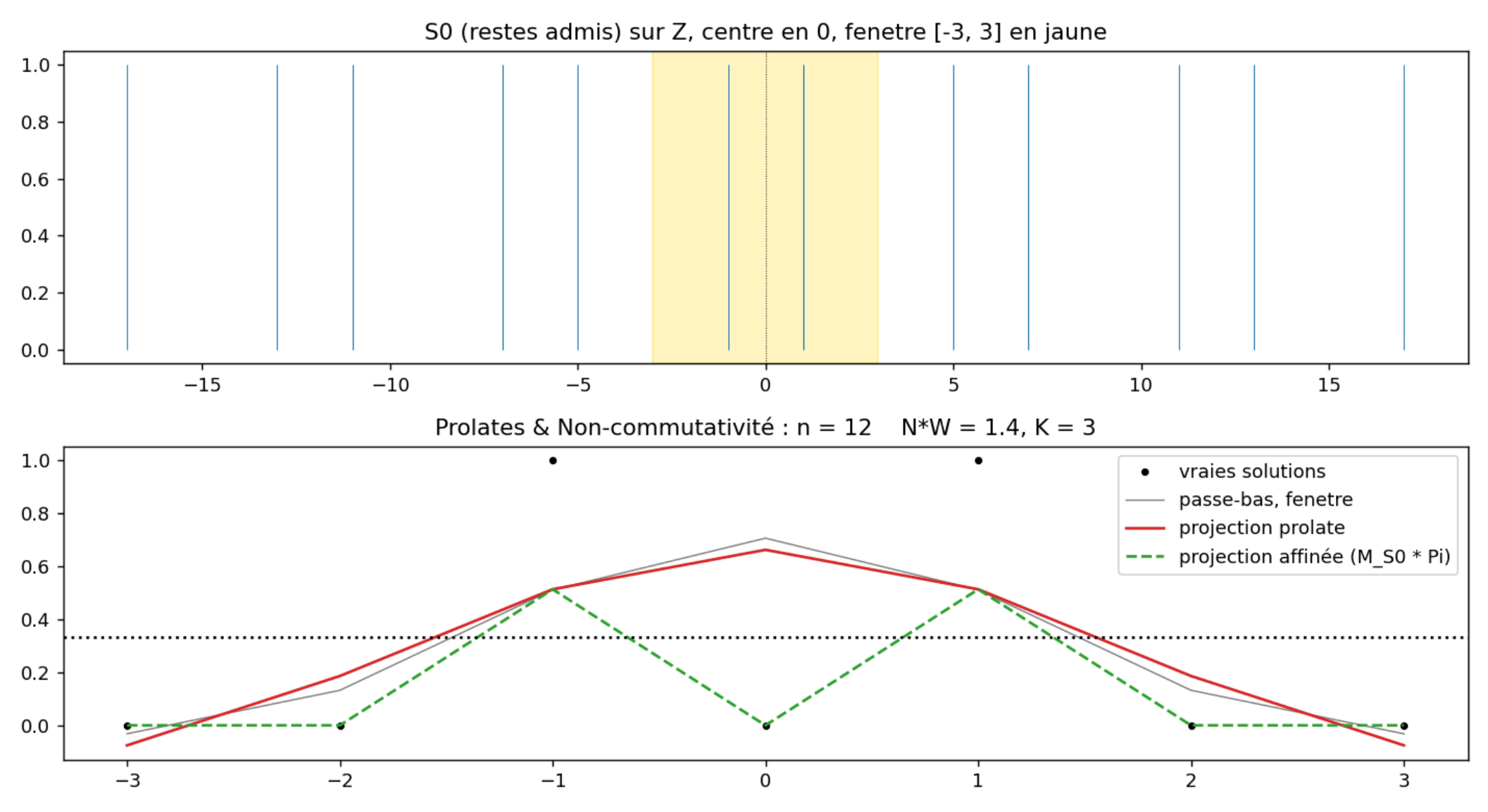
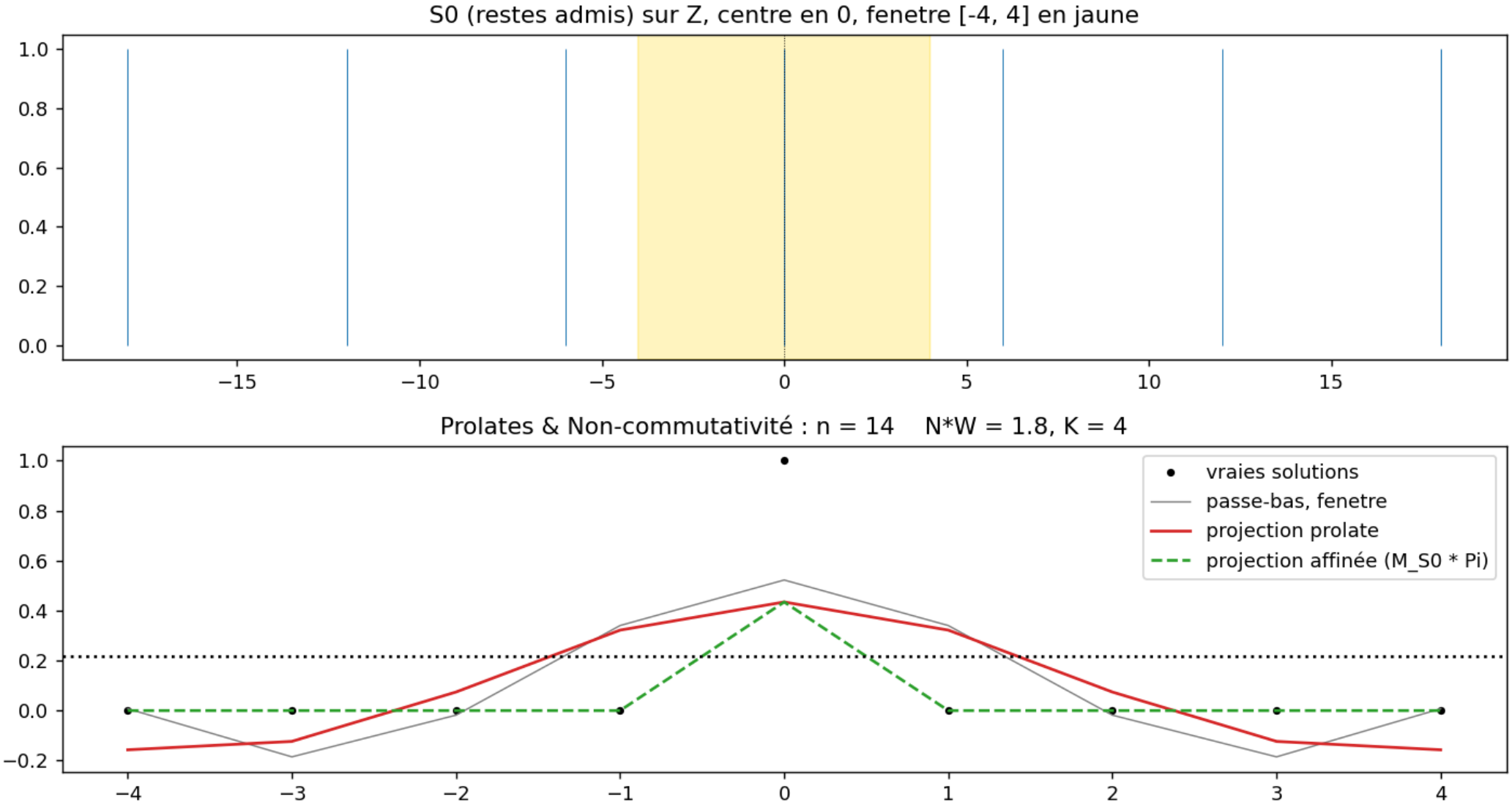
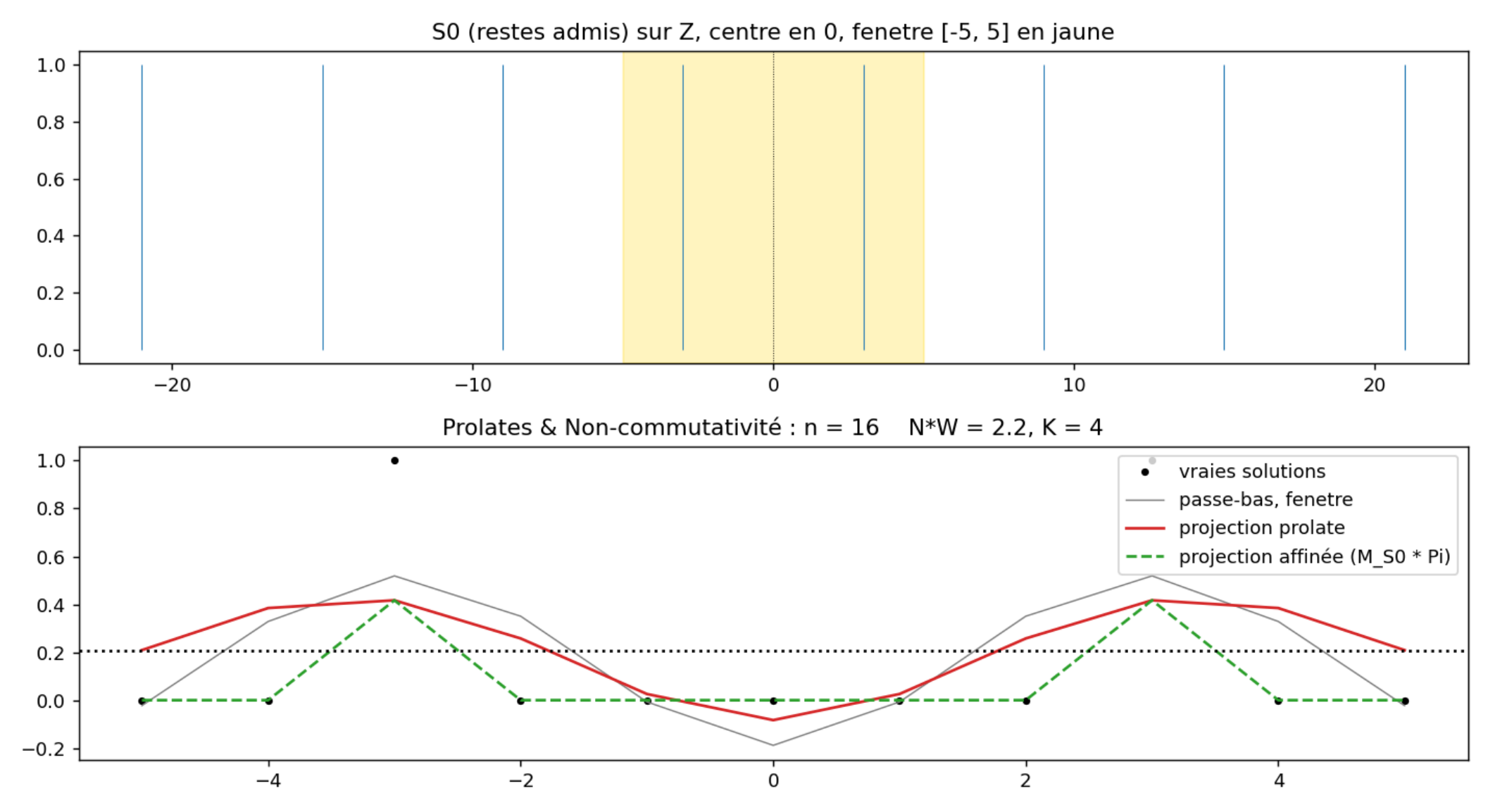
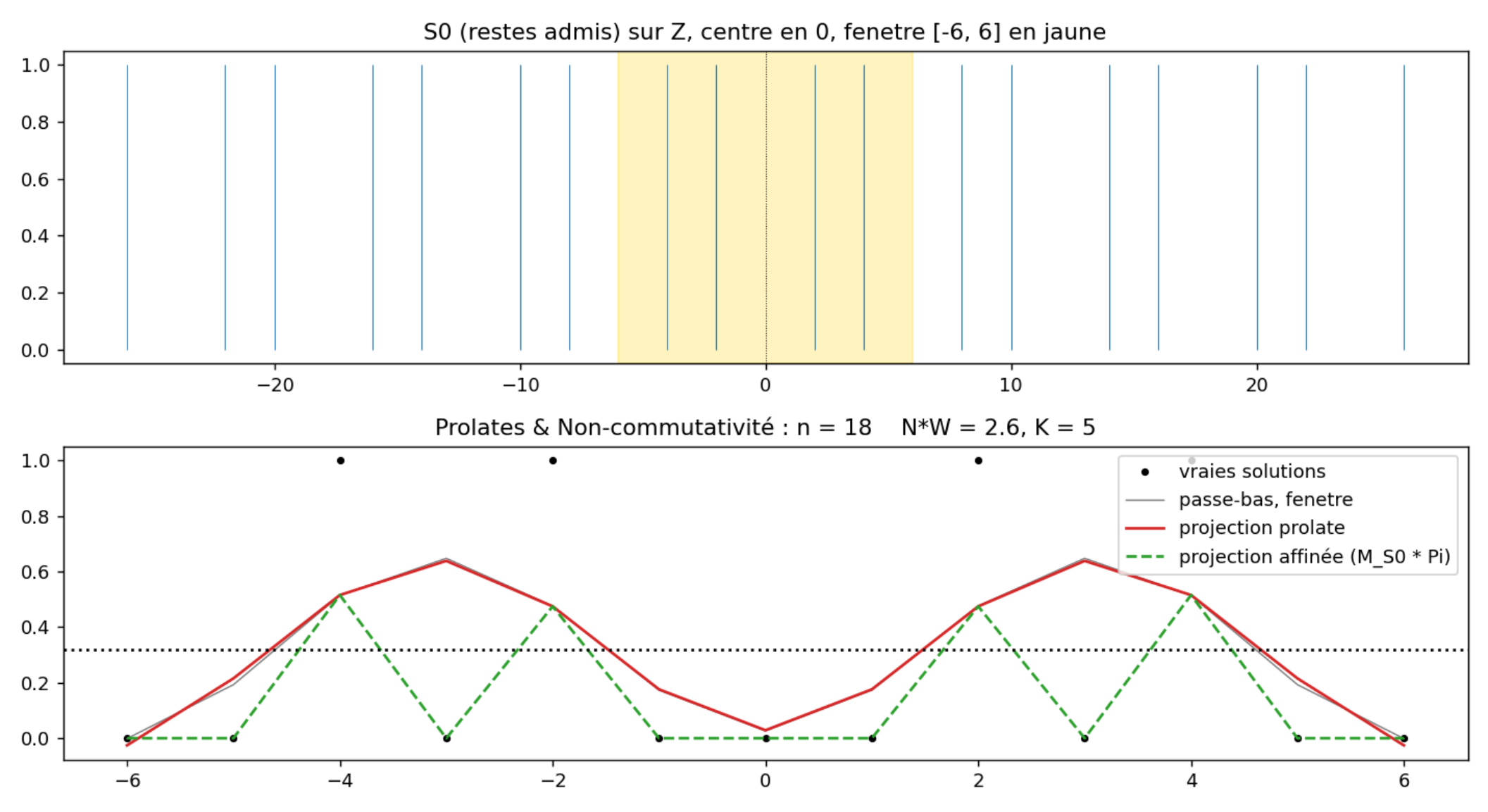

S0 (restes admis) sur Z, centre en 0, fenetre [-1, 1] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−10
−5
0
5
10
Prolates & Non-commutativité : n = 8 N*W = 0.6, K = 1
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−1.00
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
1.00

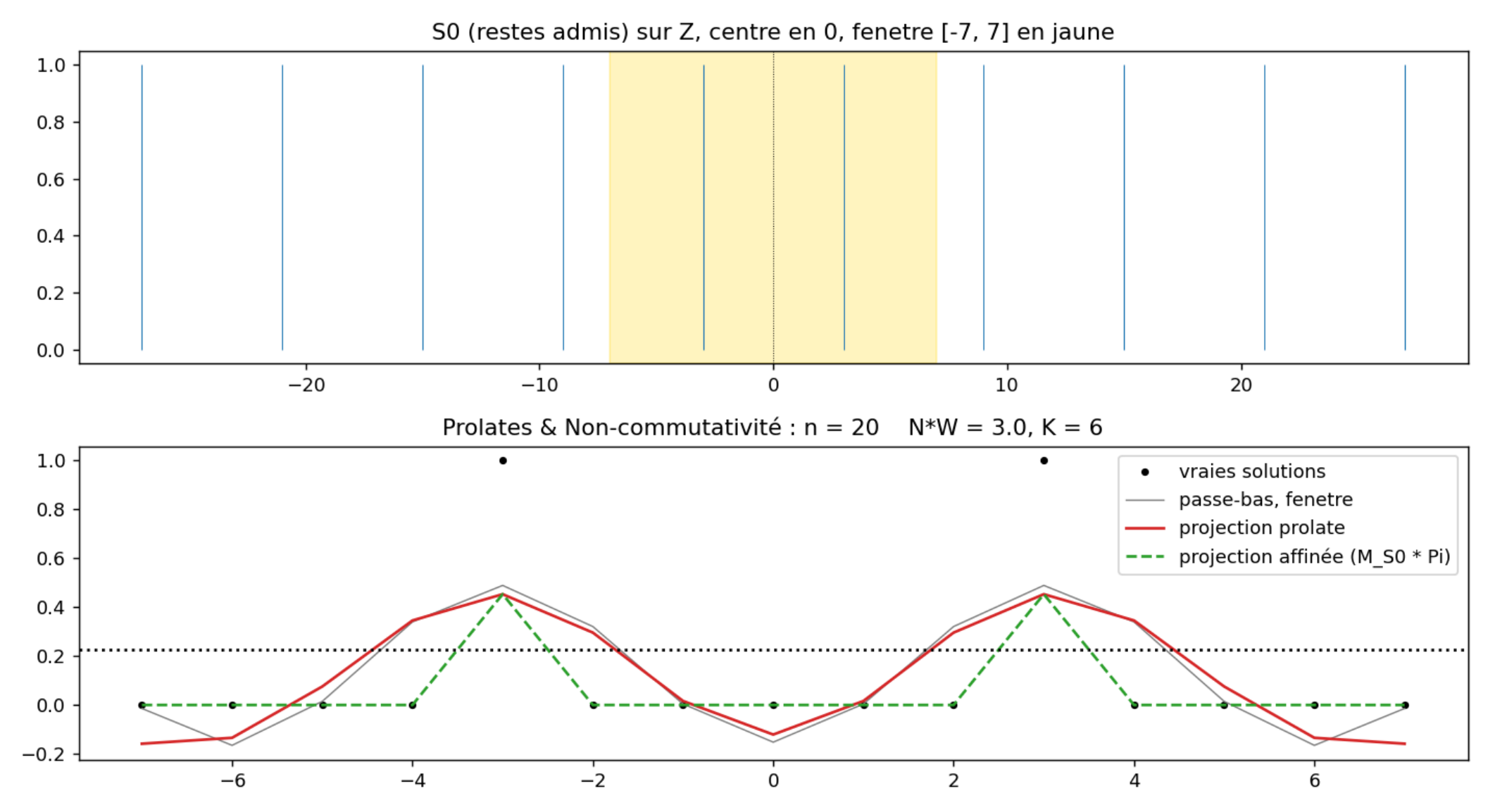

S0 (restes admis) sur Z, centre en 0, fenetre [-2, 2] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−10
−5
0
5
10
Prolates & Non-commutativité : n = 10 N*W = 1.0, K = 2
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

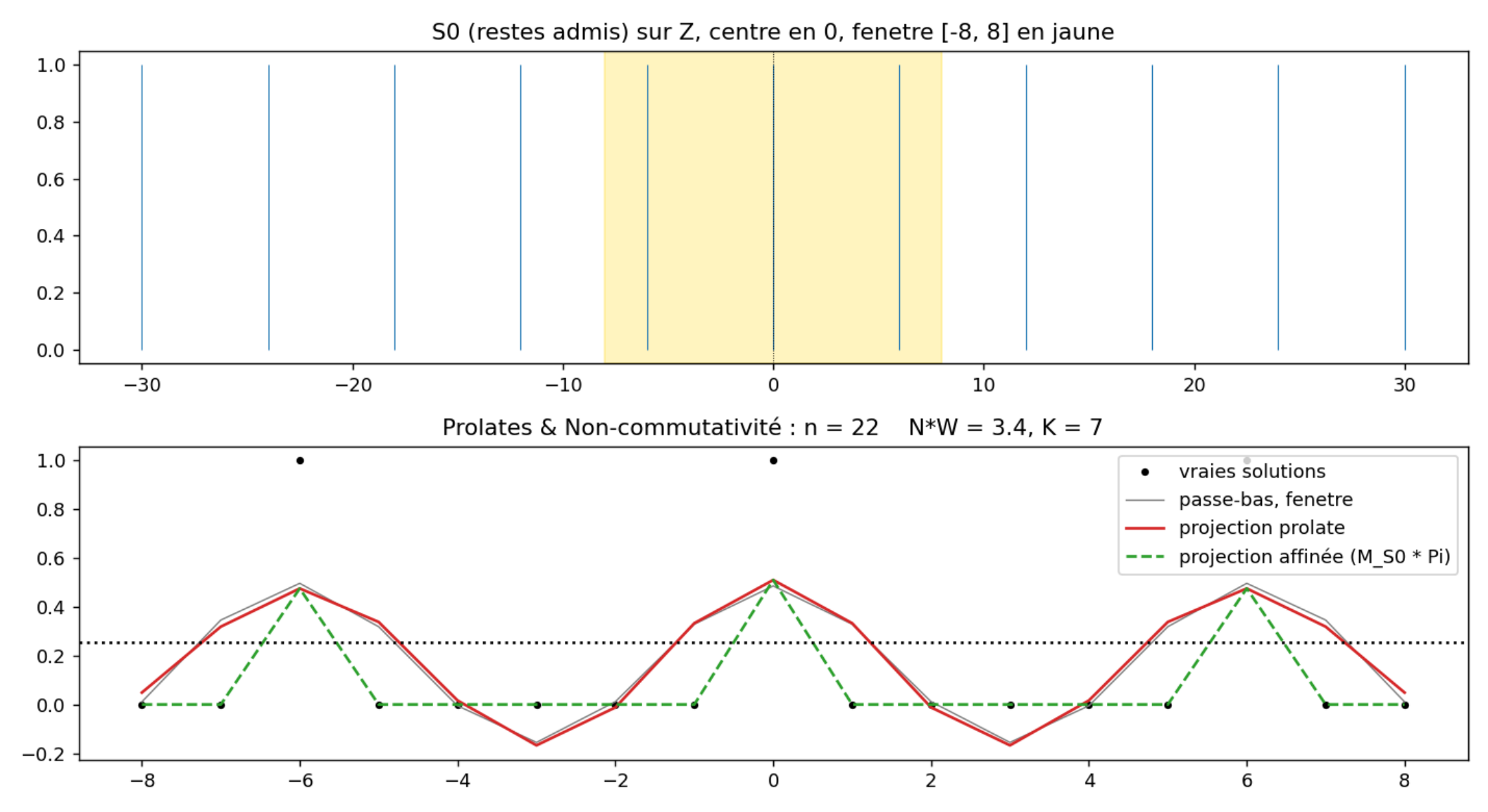

S0 (restes admis) sur Z, centre en 0, fenetre [-3, 3] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−15
−10
−5
0
5
10
15
Prolates & Non-commutativité : n = 12 N*W = 1.4, K = 3
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−3
−2
−1
0
1
2
3

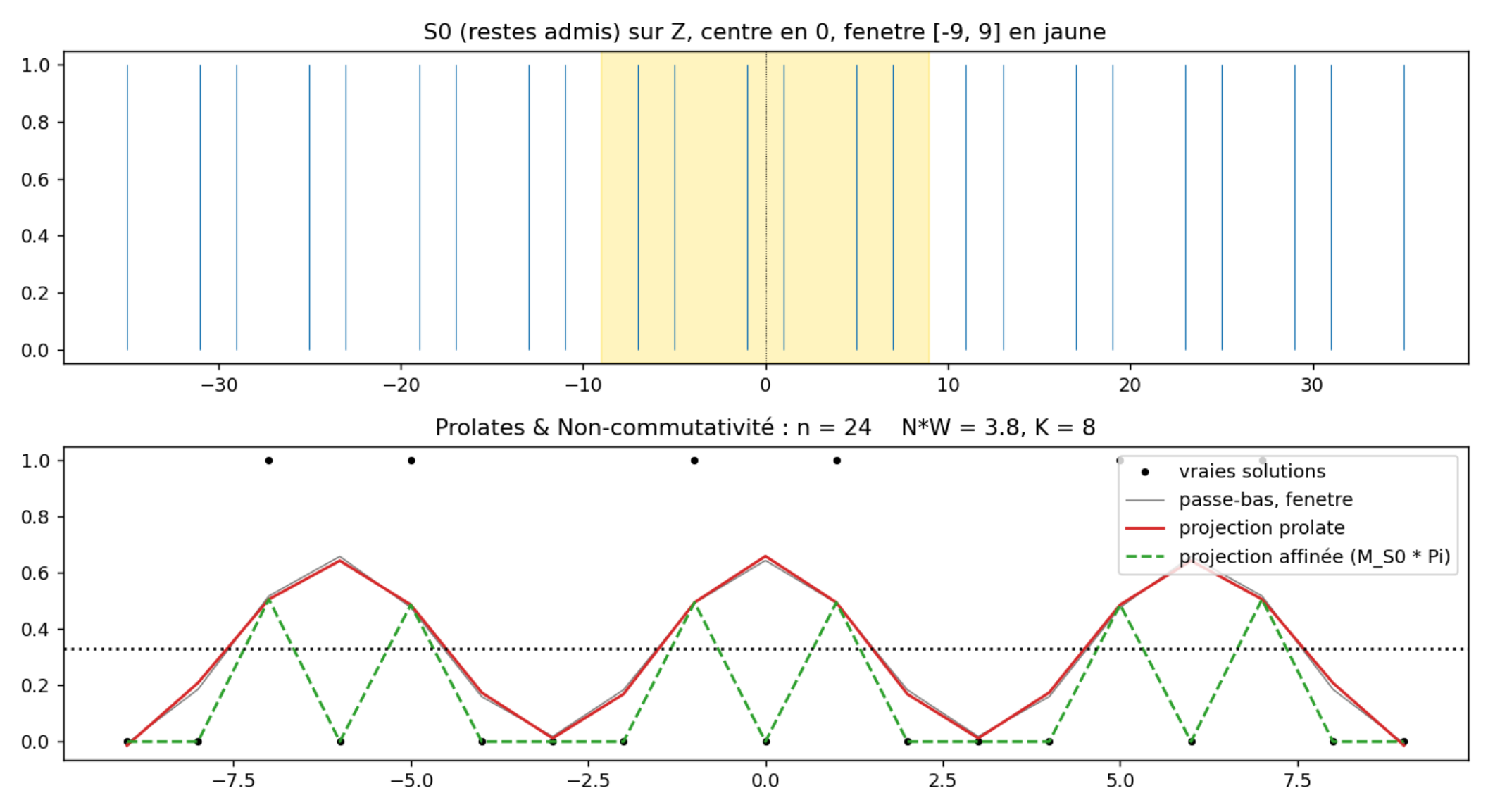

S0 (restes admis) sur Z, centre en 0, fenetre [-4, 4] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−15
−10
−5
0
5
10
15
Prolates & Non-commutativité : n = 14 N*W = 1.8, K = 4
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−4
−3
−2
−1
0
1
2
3
4

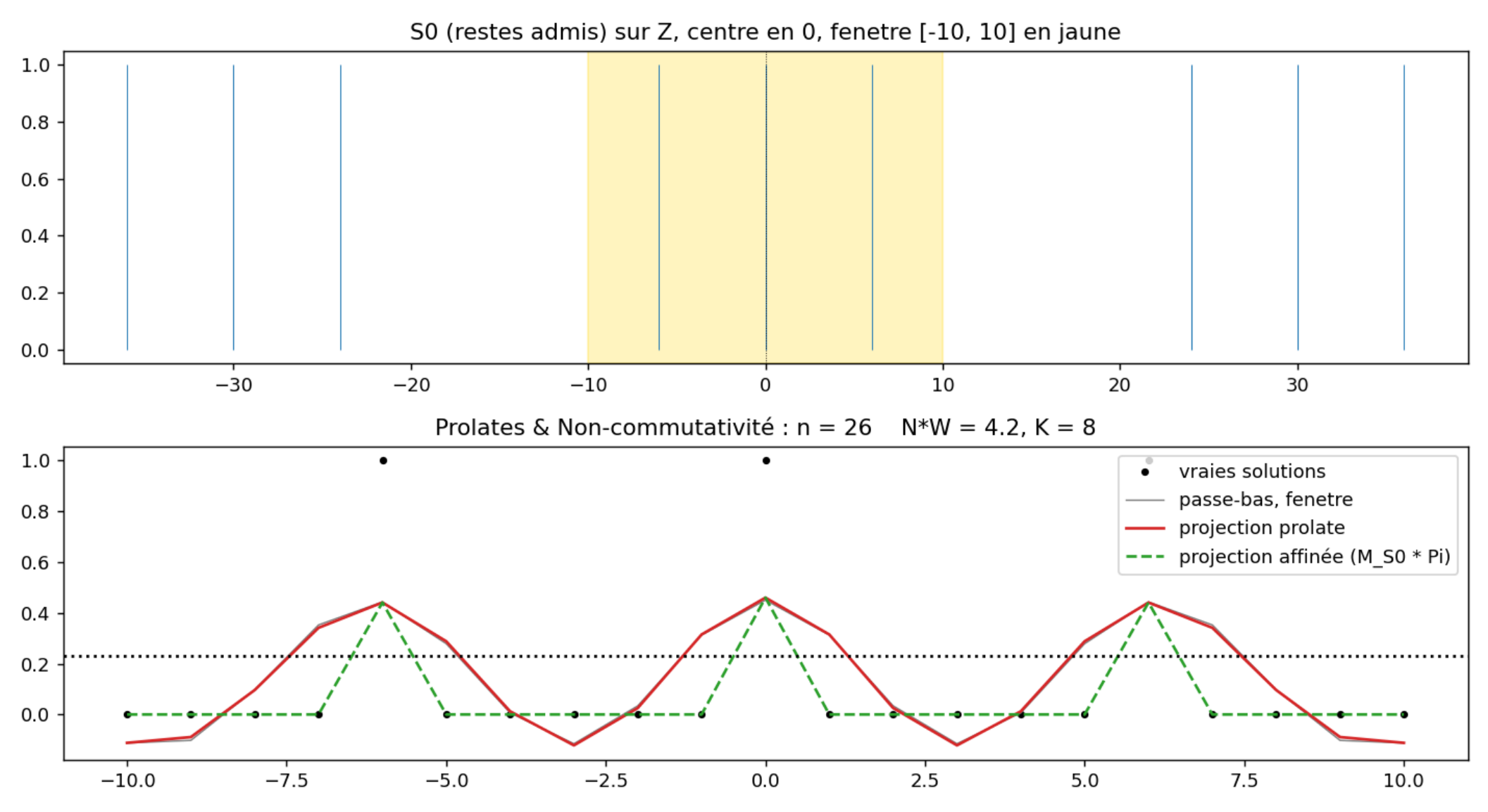

S0 (restes admis) sur Z, centre en 0, fenetre [-5, 5] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−20
−10
0
10
20
Prolates & Non-commutativité : n = 16 N*W = 2.2, K = 4
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−4
−2
0
2
4

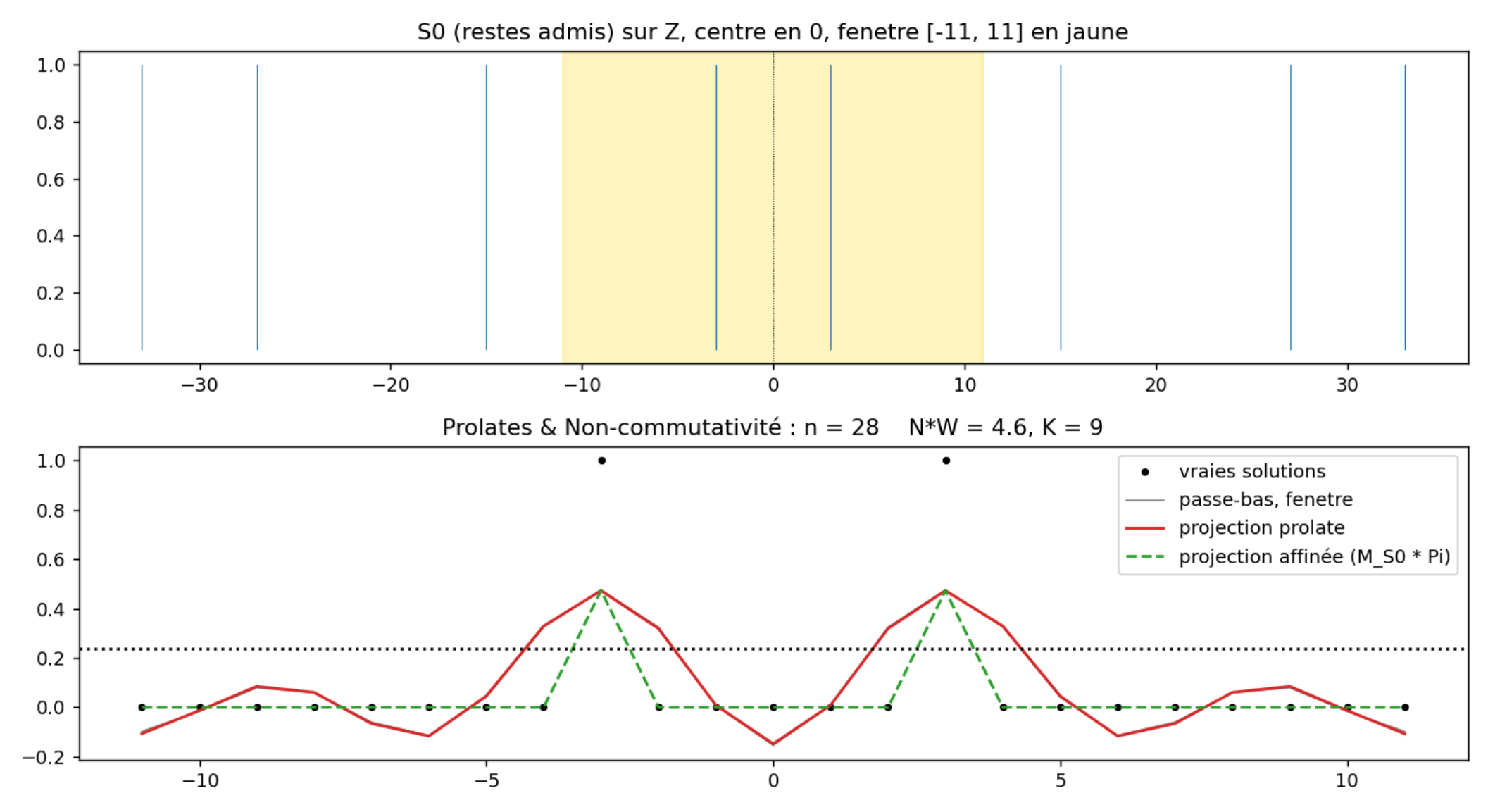

S0 (restes admis) sur Z, centre en 0, fenetre [-6, 6] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−20
−10
0
10
20
Prolates & Non-commutativité : n = 18 N*W = 2.6, K = 5
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
−6
−4
−2
0
2
4
6

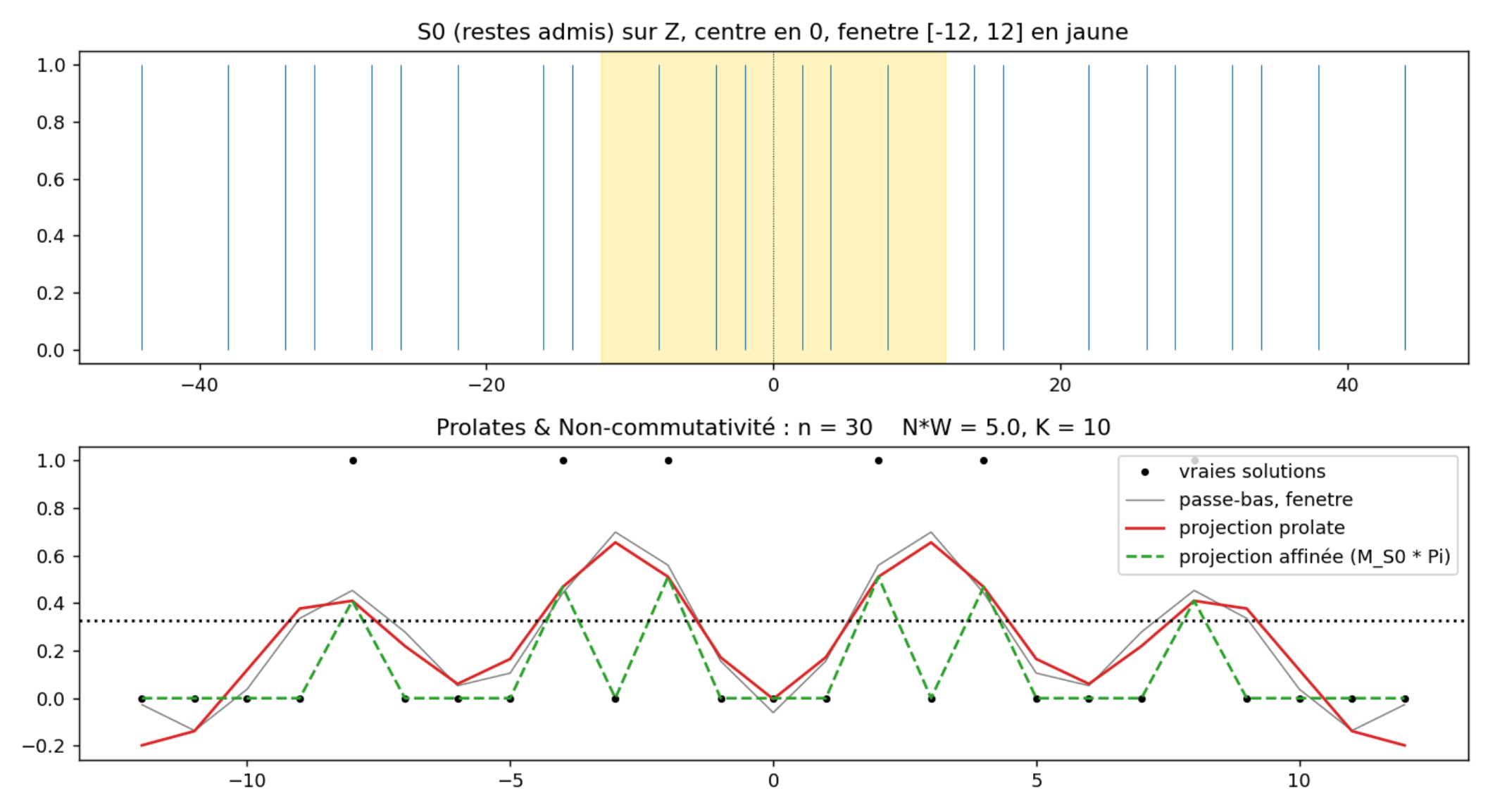

S0 (restes admis) sur Z, centre en 0, fenetre [-7, 7] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−20
−10
0
10
20
Prolates & Non-commutativité : n = 20 N*W = 3.0, K = 6
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−6
−4
−2
0
2
4
6

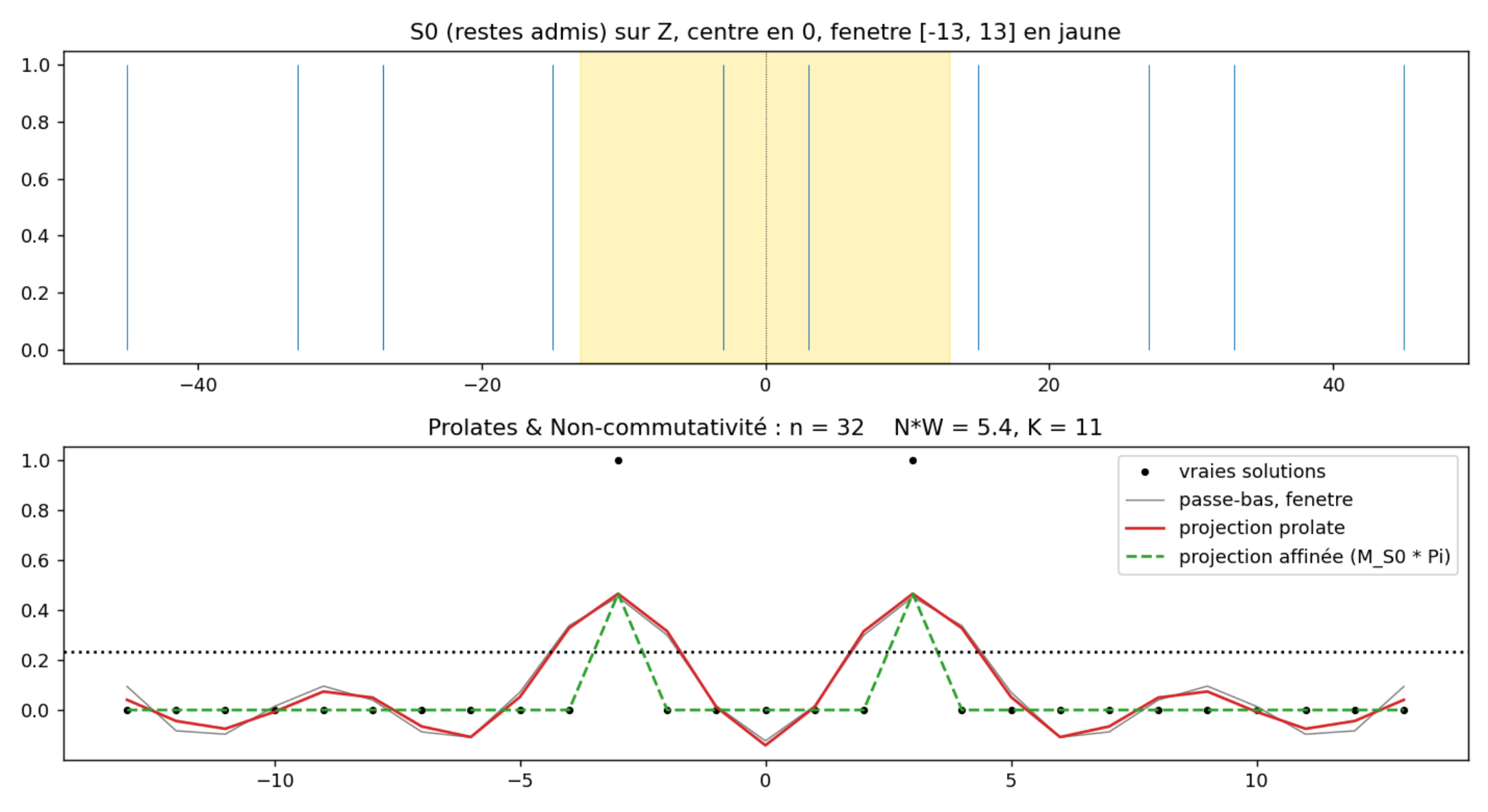

S0 (restes admis) sur Z, centre en 0, fenetre [-8, 8] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
Prolates & Non-commutativité : n = 22 N*W = 3.4, K = 7
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−8
−6
−4
−2
0
2
4
6
8

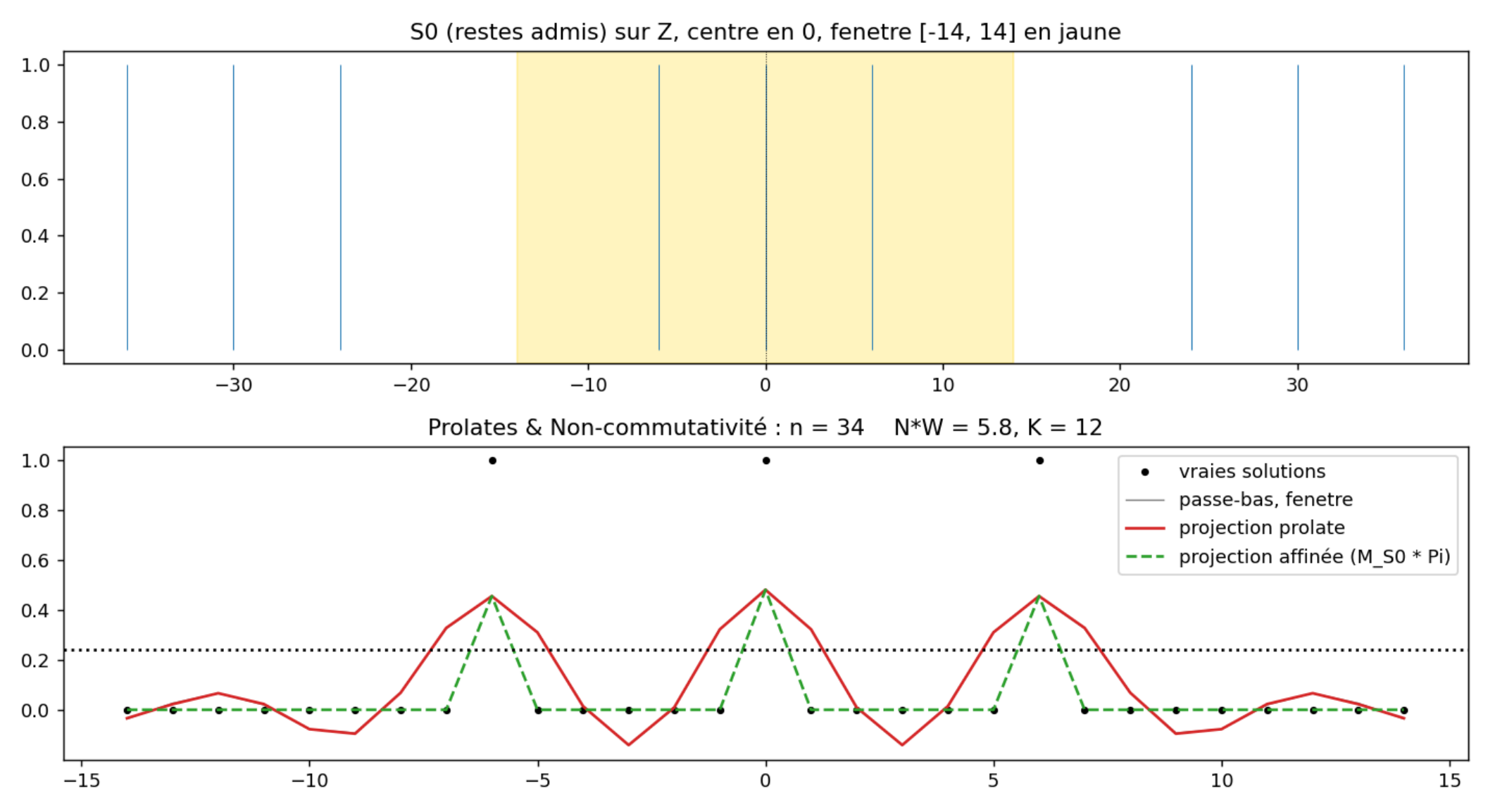

S0 (restes admis) sur Z, centre en 0, fenetre [-9, 9] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
Prolates & Non-commutativité : n = 24 N*W = 3.8, K = 8
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
−7.5
−5.0
−2.5
0.0
2.5
5.0
7.5

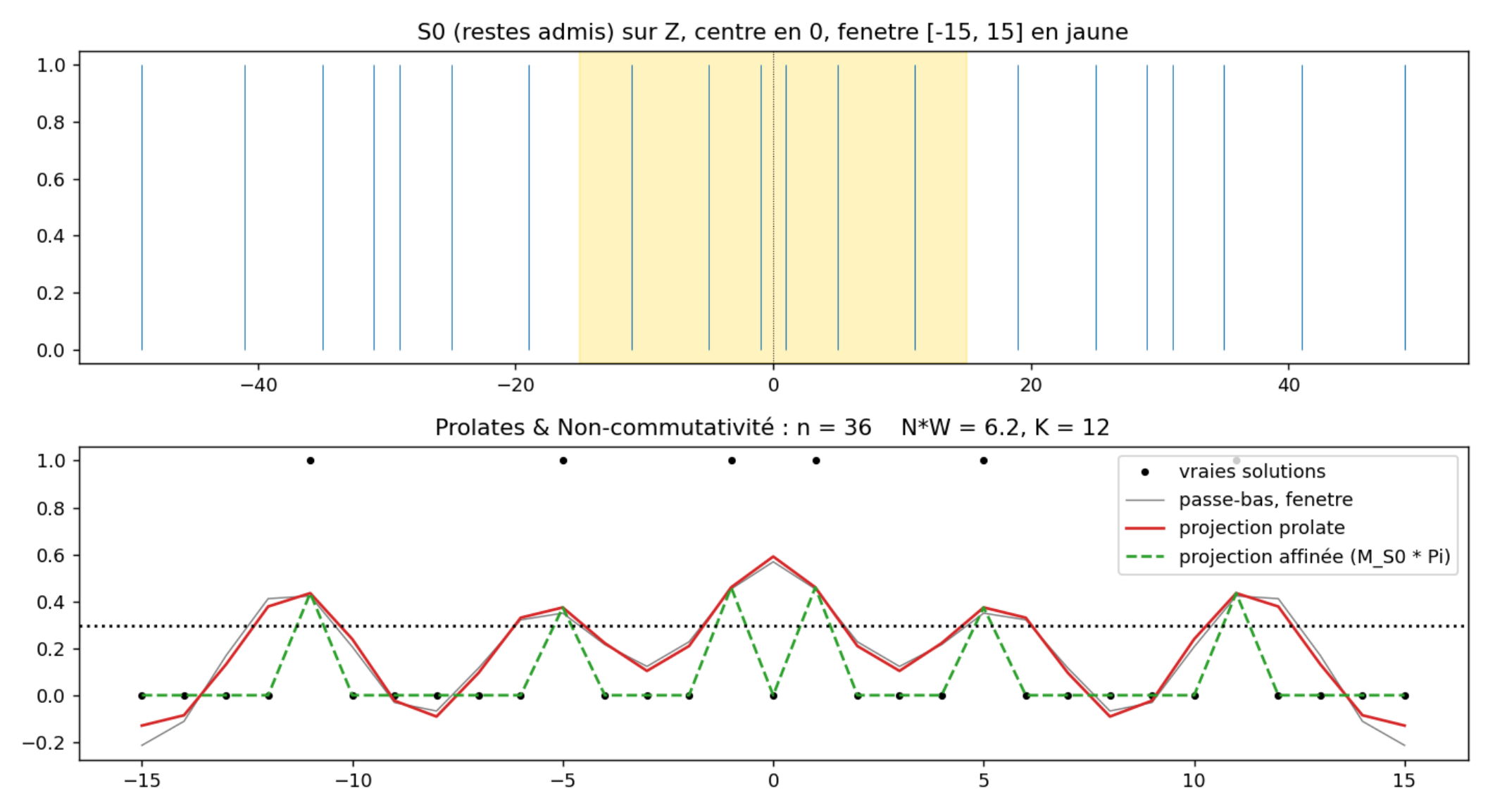

S0 (restes admis) sur Z, centre en 0, fenetre [-10, 10] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
Prolates & Non-commutativité : n = 26 N*W = 4.2, K = 8
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
−10.0
−7.5
−5.0
−2.5
0.0
2.5
5.0
7.5
10.0

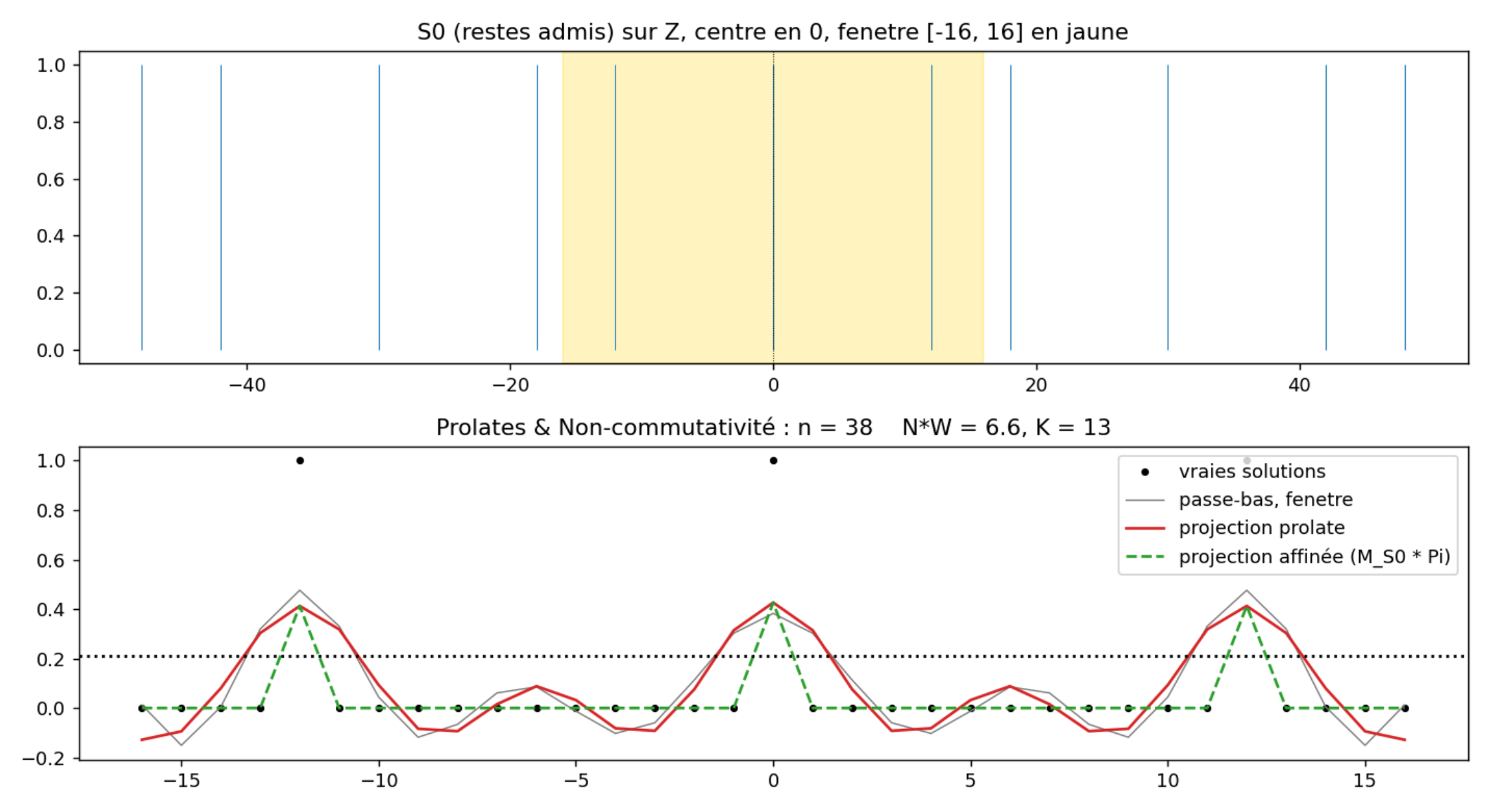

S0 (restes admis) sur Z, centre en 0, fenetre [-11, 11] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
Prolates & Non-commutativité : n = 28 N*W = 4.6, K = 9
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−10
−5
0
5
10

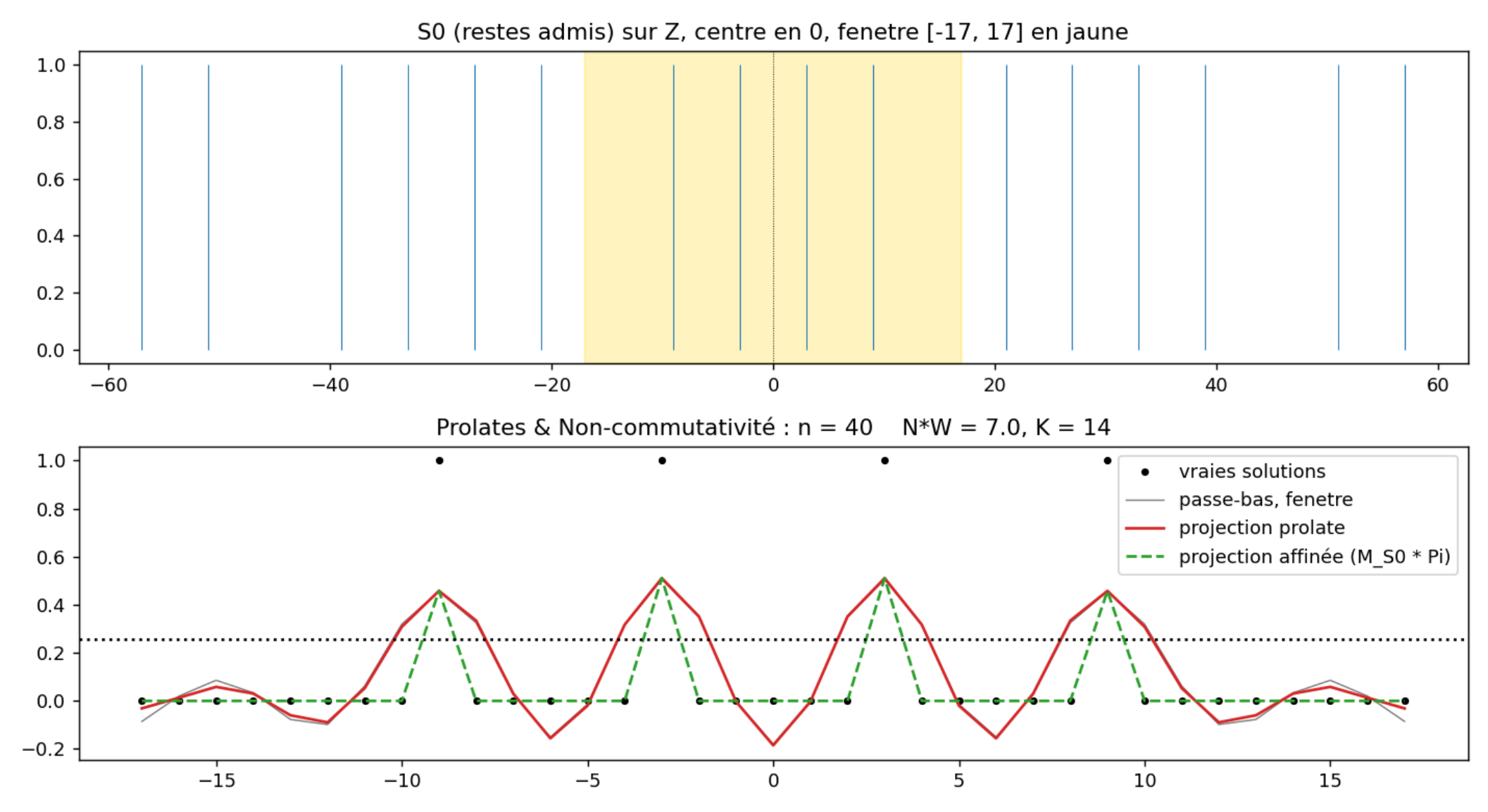

S0 (restes admis) sur Z, centre en 0, fenetre [-12, 12] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−40
−20
0
20
40
Prolates & Non-commutativité : n = 30 N*W = 5.0, K = 10
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−10
−5
0
5
10

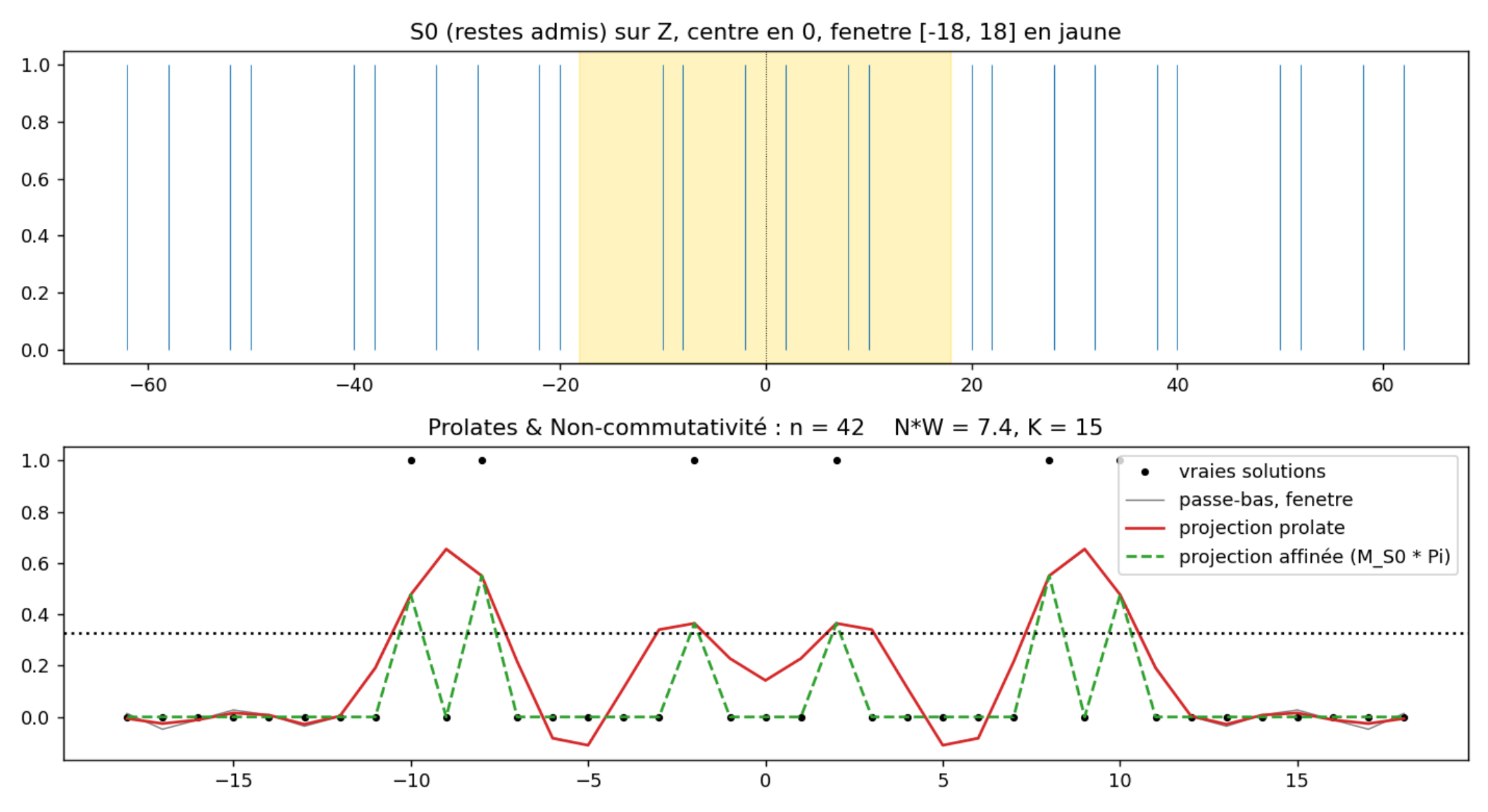

S0 (restes admis) sur Z, centre en 0, fenetre [-13, 13] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−40
−20
0
20
40
Prolates & Non-commutativité : n = 32 N*W = 5.4, K = 11
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−10
−5
0
5
10

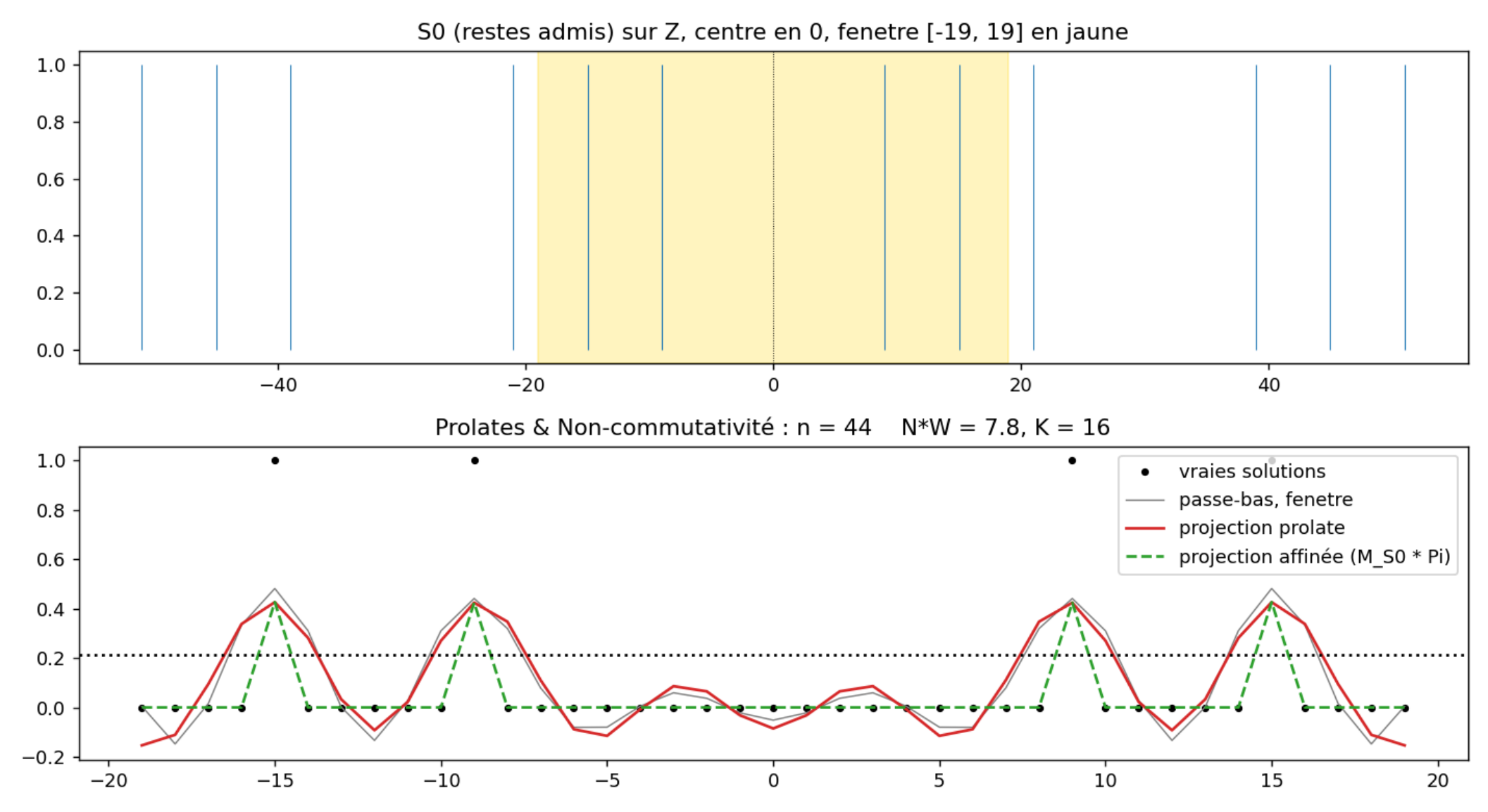

S0 (restes admis) sur Z, centre en 0, fenetre [-14, 14] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
Prolates & Non-commutativité : n = 34 N*W = 5.8, K = 12
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−15
−10
−5
0
5
10
15

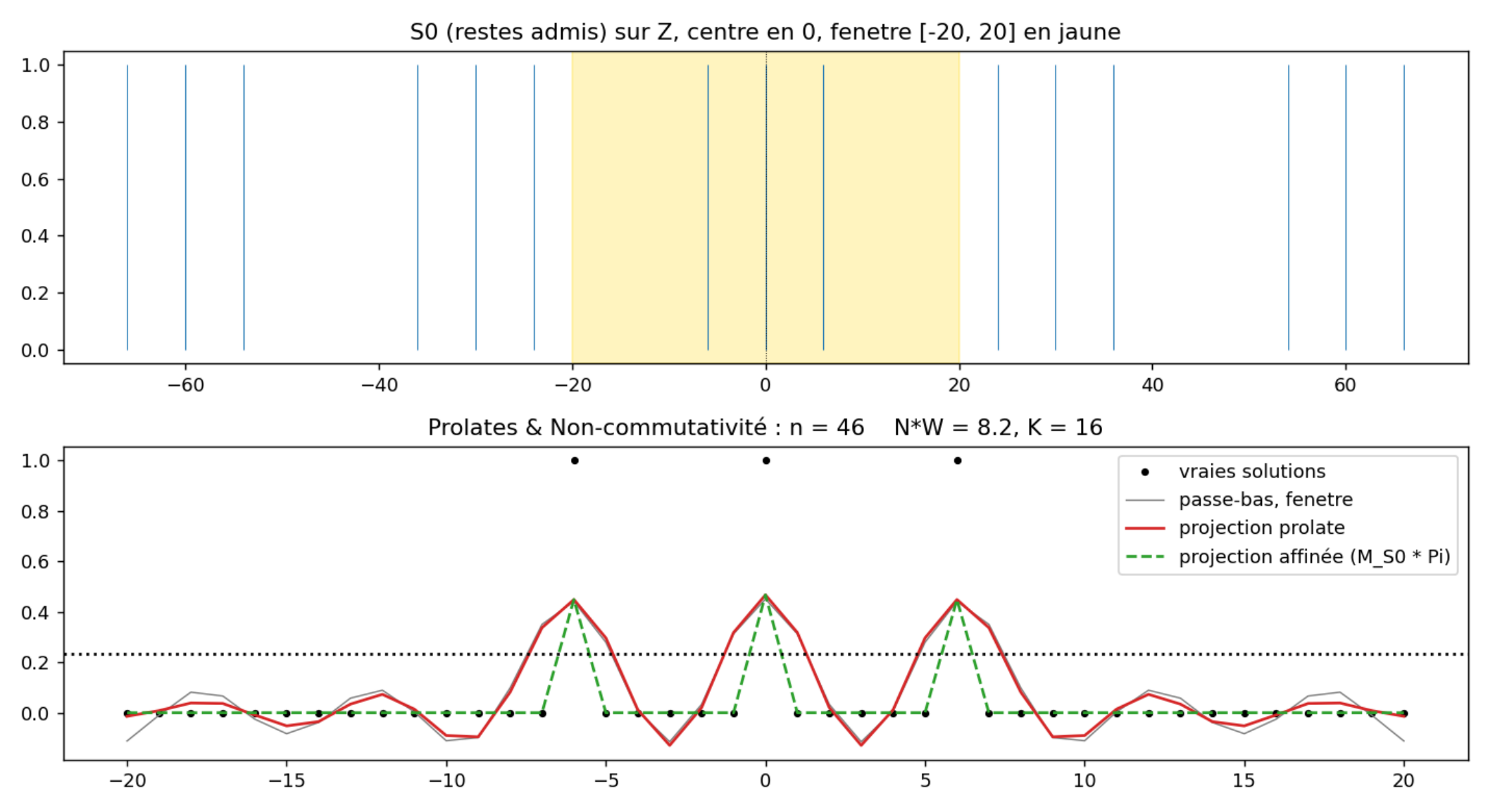

S0 (restes admis) sur Z, centre en 0, fenetre [-15, 15] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−40
−20
0
20
40
Prolates & Non-commutativité : n = 36 N*W = 6.2, K = 12
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−15
−10
−5
0
5
10
15

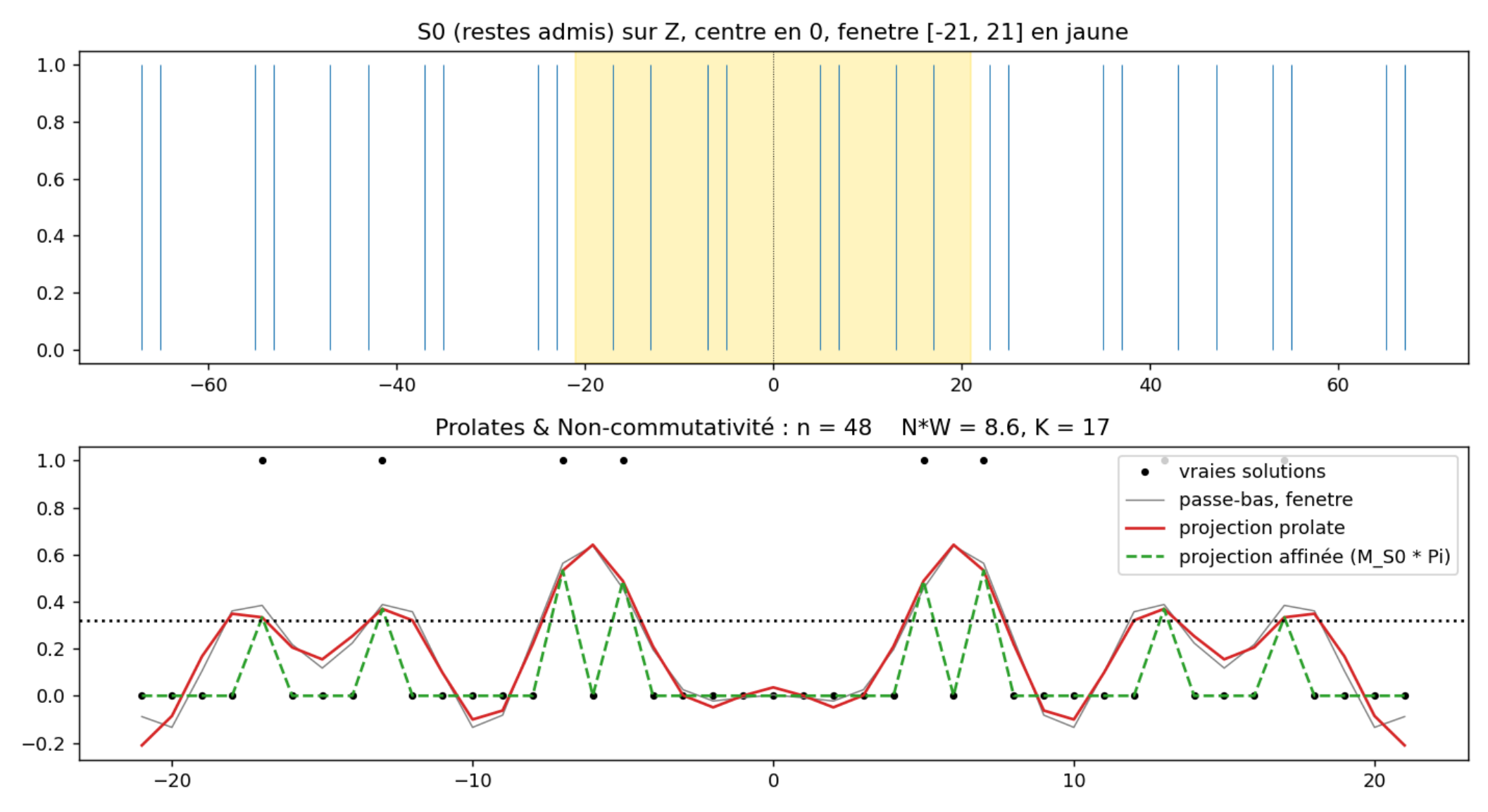

S0 (restes admis) sur Z, centre en 0, fenetre [-16, 16] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−40
−20
0
20
40
Prolates & Non-commutativité : n = 38 N*W = 6.6, K = 13
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−15
−10
−5
0
5
10
15

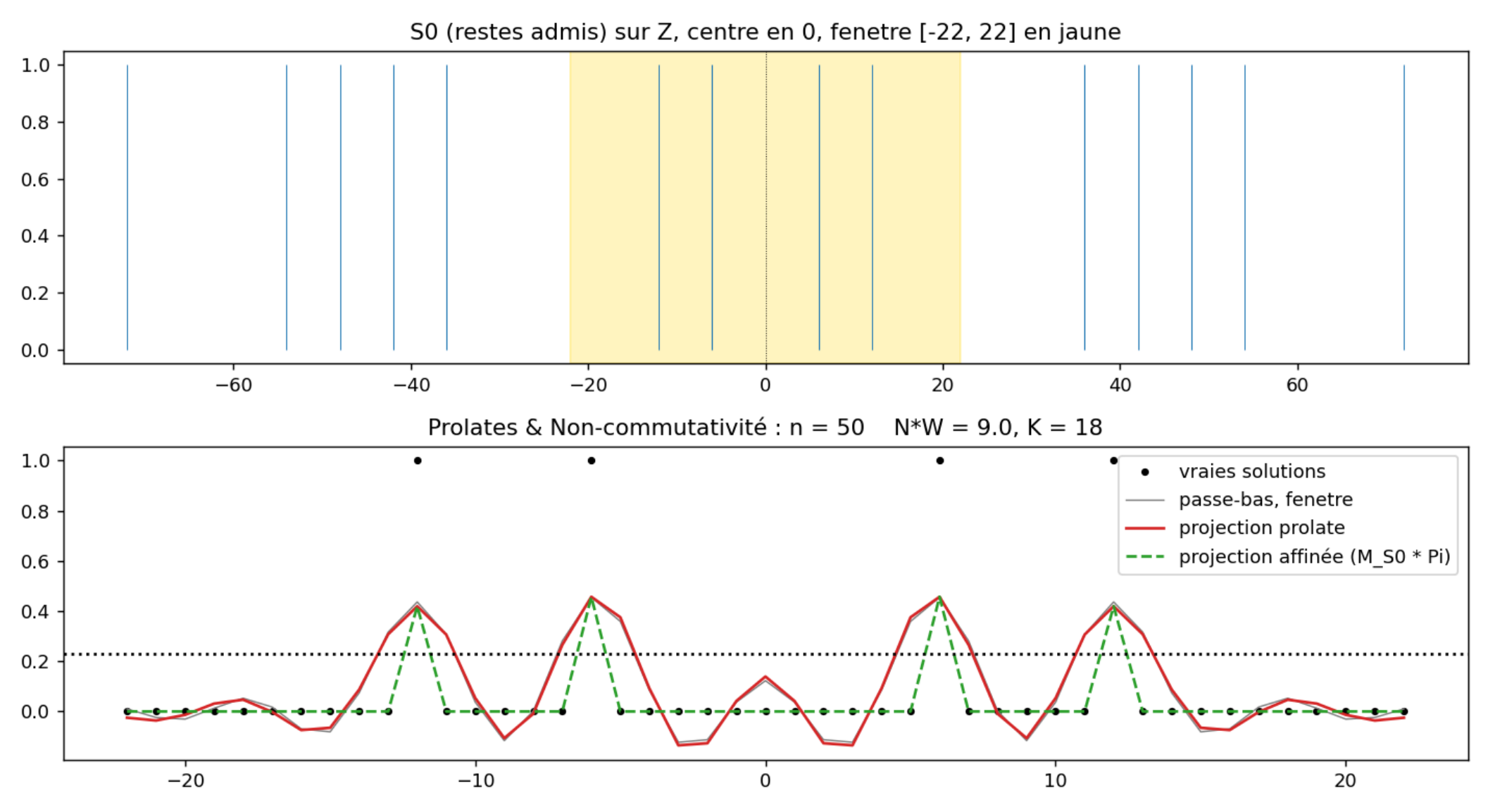

S0 (restes admis) sur Z, centre en 0, fenetre [-17, 17] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−60
−40
−20
0
20
40
60
Prolates & Non-commutativité : n = 40 N*W = 7.0, K = 14
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−15
−10
−5
0
5
10
15

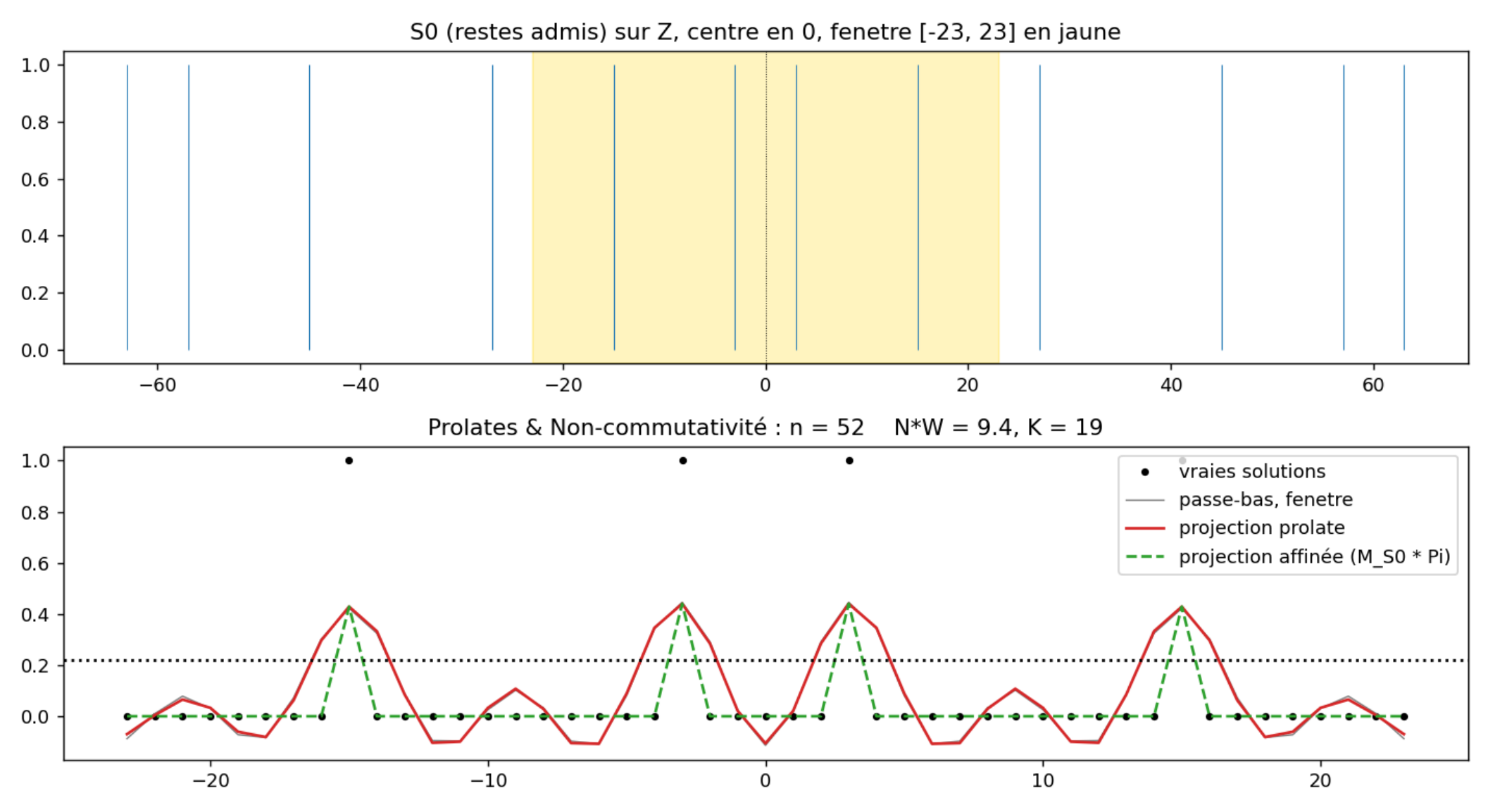

S0 (restes admis) sur Z, centre en 0, fenetre [-18, 18] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−60
−40
−20
0
20
40
60
Prolates & Non-commutativité : n = 42 N*W = 7.4, K = 15
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−15
−10
−5
0
5
10
15

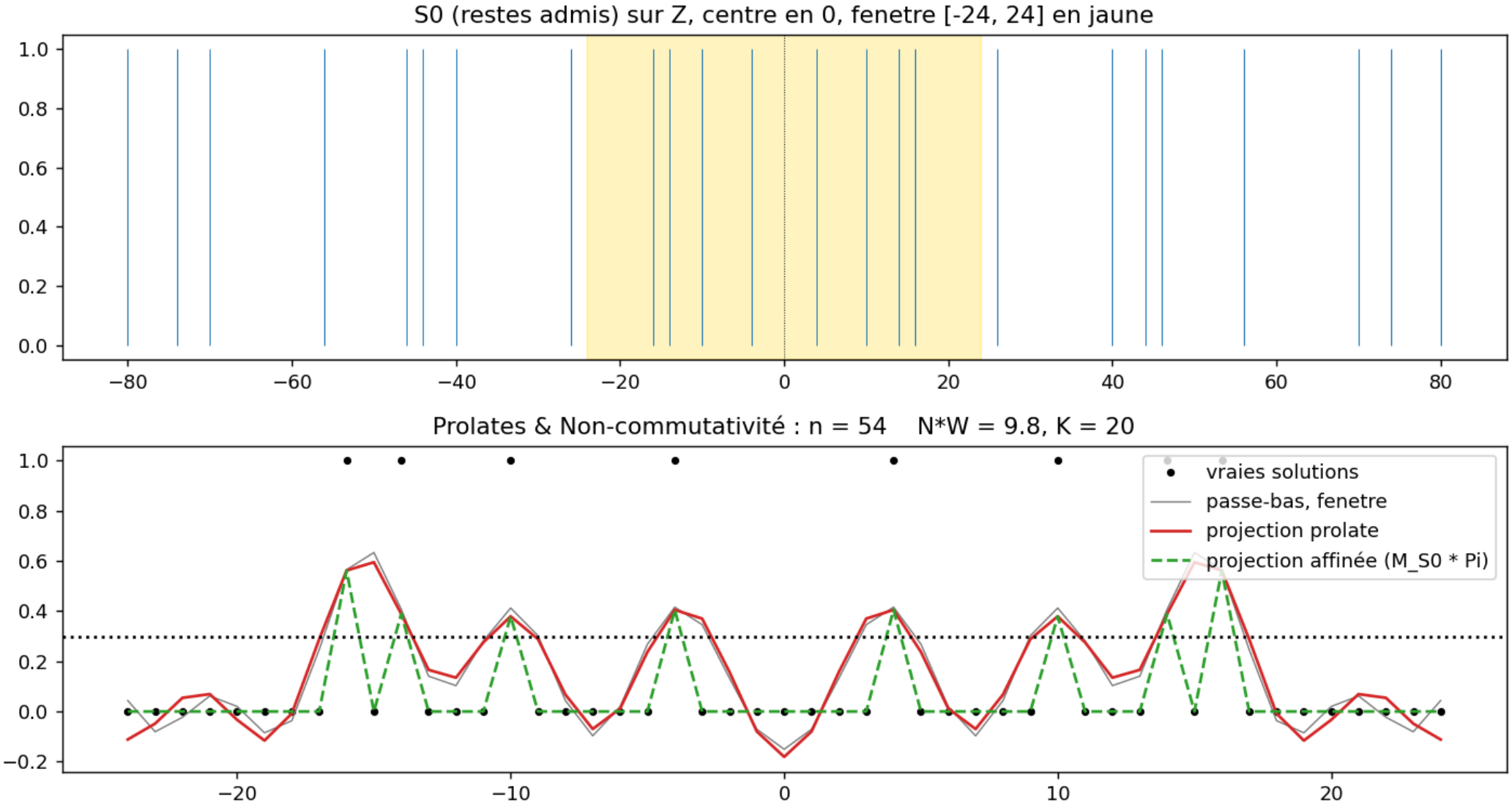

S0 (restes admis) sur Z, centre en 0, fenetre [-19, 19] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−40
−20
0
20
40
Prolates & Non-commutativité : n = 44 N*W = 7.8, K = 16
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−20
−15
−10
−5
0
5
10
15
20

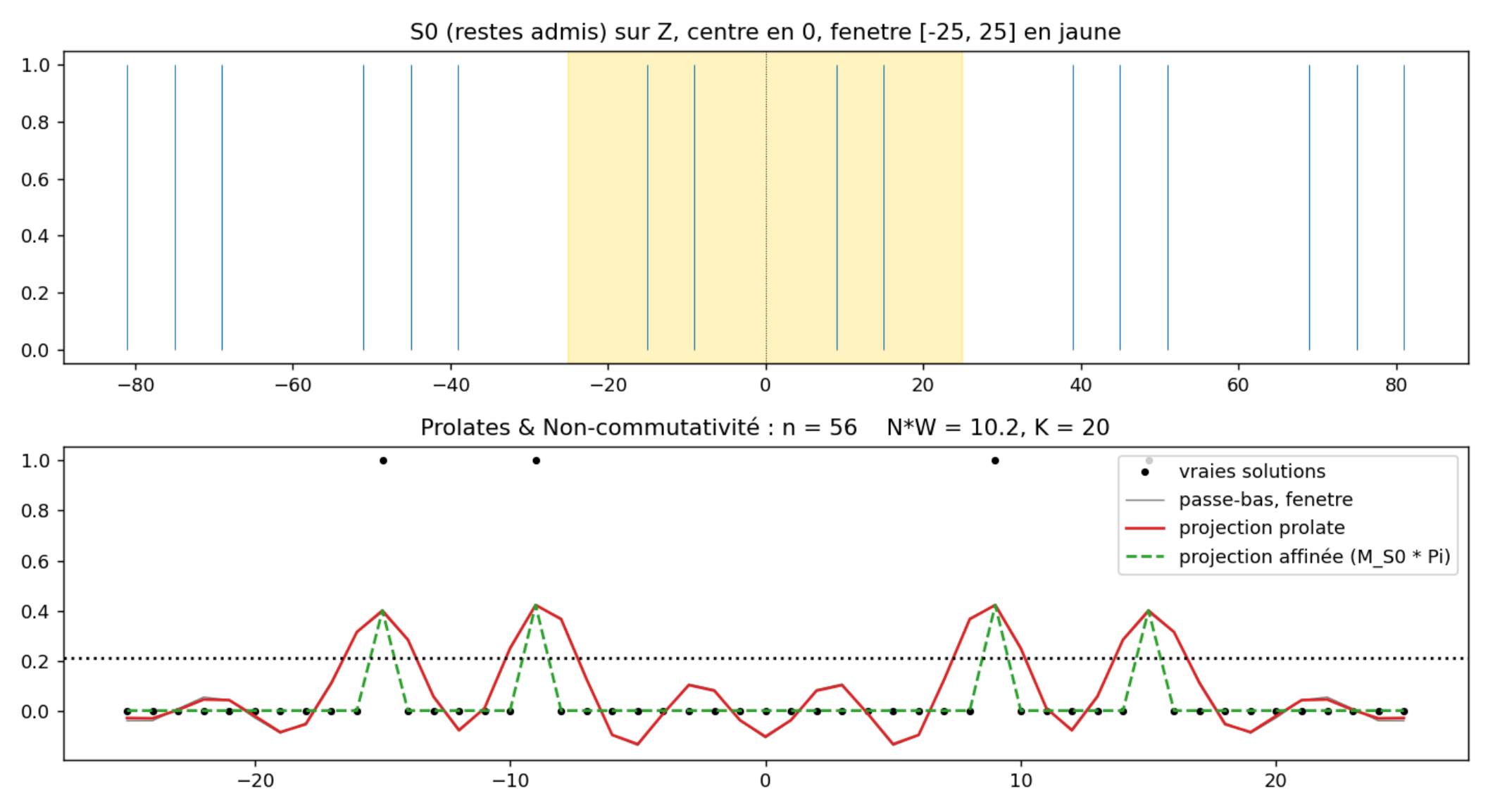

S0 (restes admis) sur Z, centre en 0, fenetre [-20, 20] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−60
−40
−20
0
20
40
60
Prolates & Non-commutativité : n = 46 N*W = 8.2, K = 16
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−20
−15
−10
−5
0
5
10
15
20

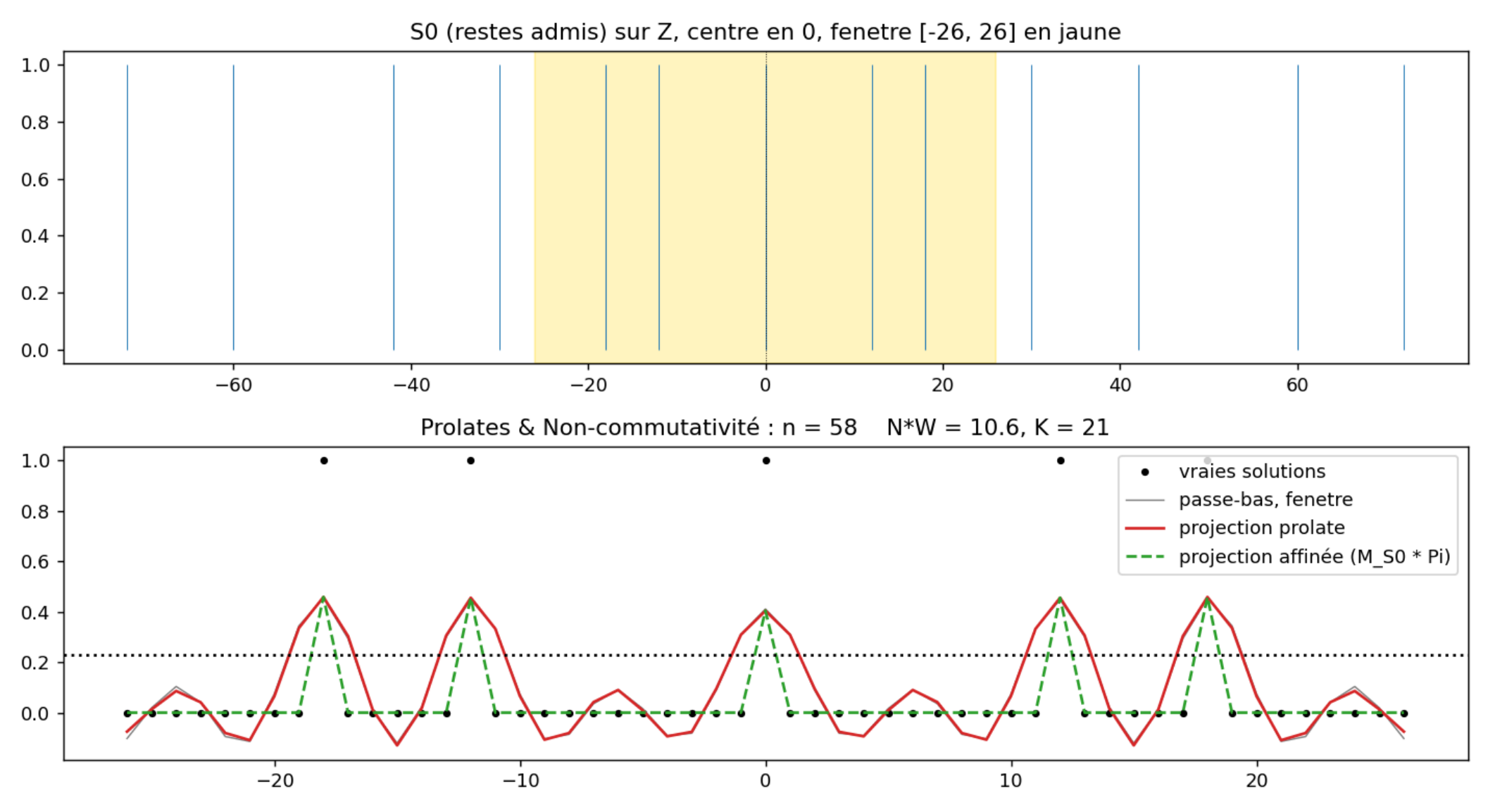

S0 (restes admis) sur Z, centre en 0, fenetre [-21, 21] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−60
−40
−20
0
20
40
60
Prolates & Non-commutativité : n = 48 N*W = 8.6, K = 17
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−20
−10
0
10
20

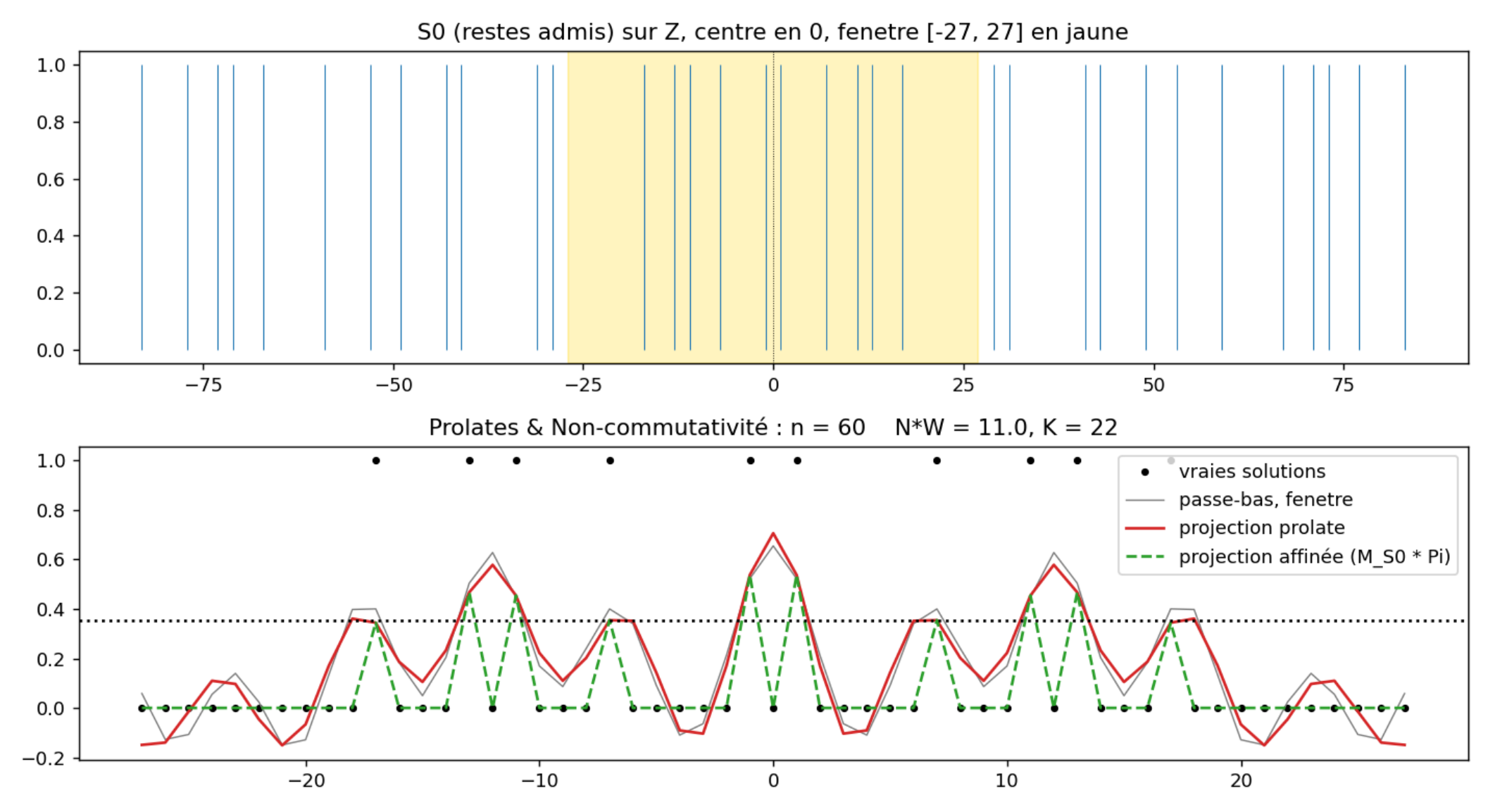

S0 (restes admis) sur Z, centre en 0, fenetre [-22, 22] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−60
−40
−20
0
20
40
60
Prolates & Non-commutativité : n = 50 N*W = 9.0, K = 18
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−20
−10
0
10
20

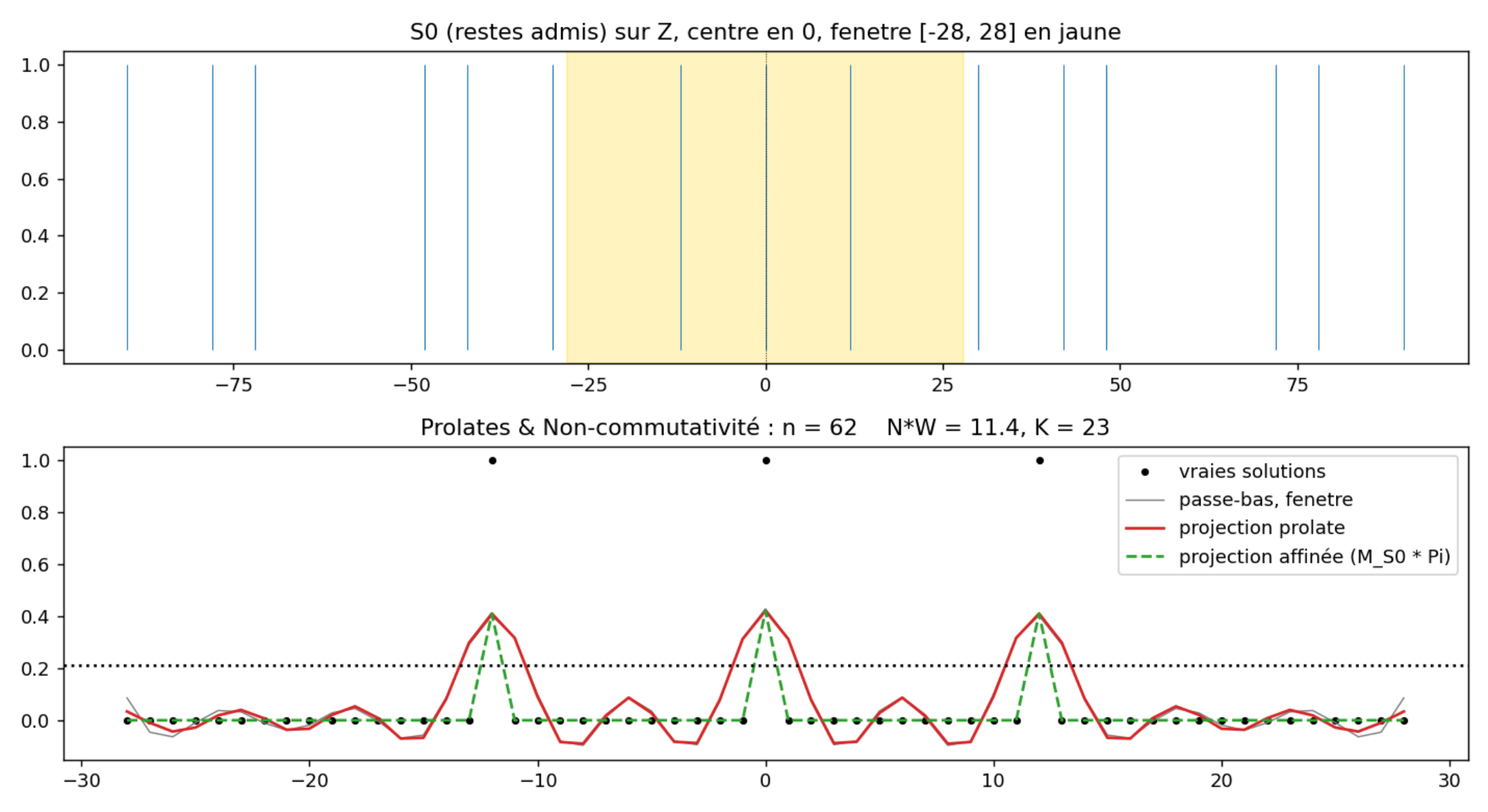

S0 (restes admis) sur Z, centre en 0, fenetre [-23, 23] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−60
−40
−20
0
20
40
60
Prolates & Non-commutativité : n = 52 N*W = 9.4, K = 19
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−20
−10
0
10
20

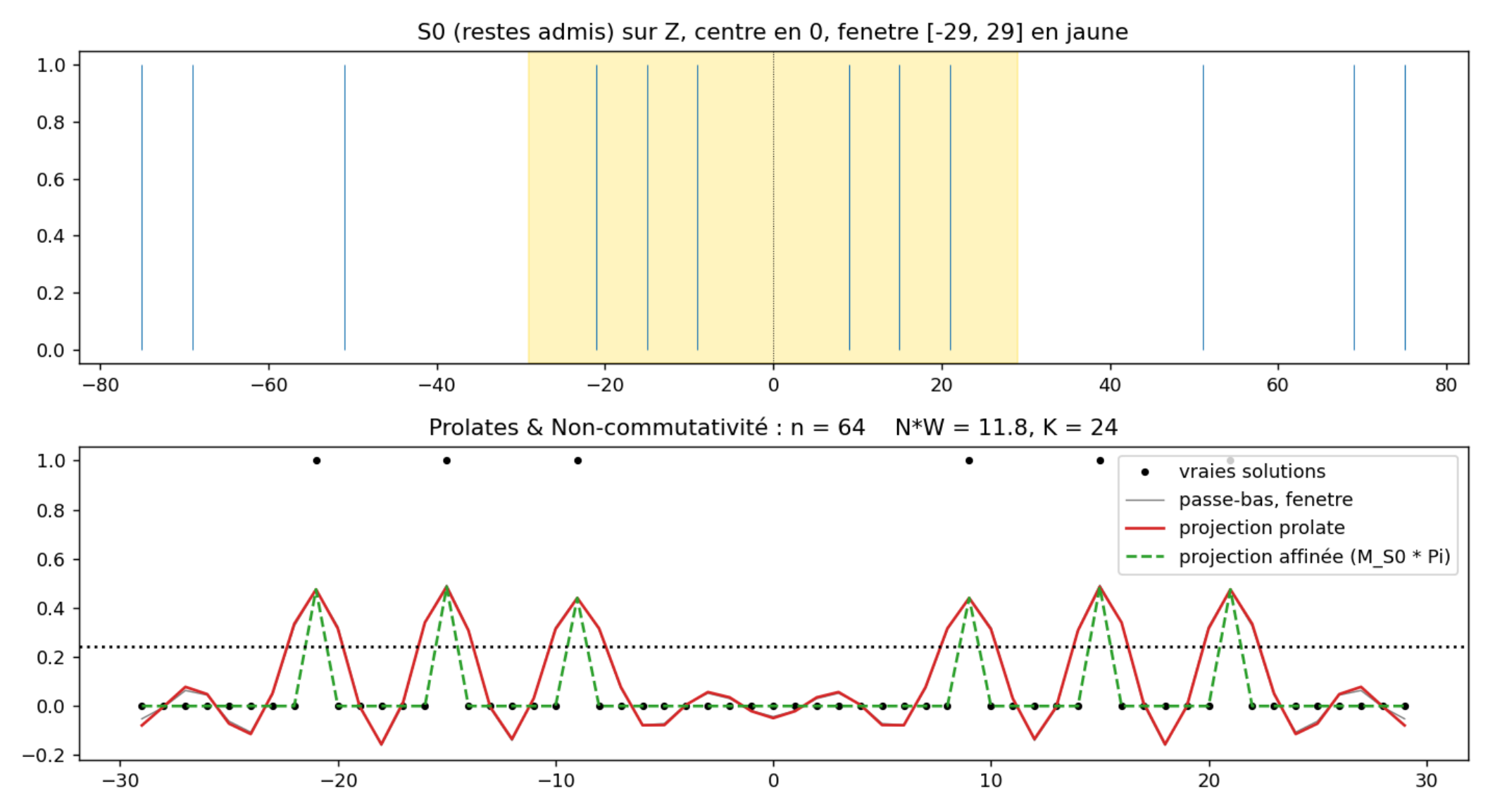

S0 (restes admis) sur Z, centre en 0, fenetre [-24, 24] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−80
−60
−40
−20
0
20
40
60
80
Prolates & Non-commutativité : n = 54 N*W = 9.8, K = 20
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−20
−10
0
10
20

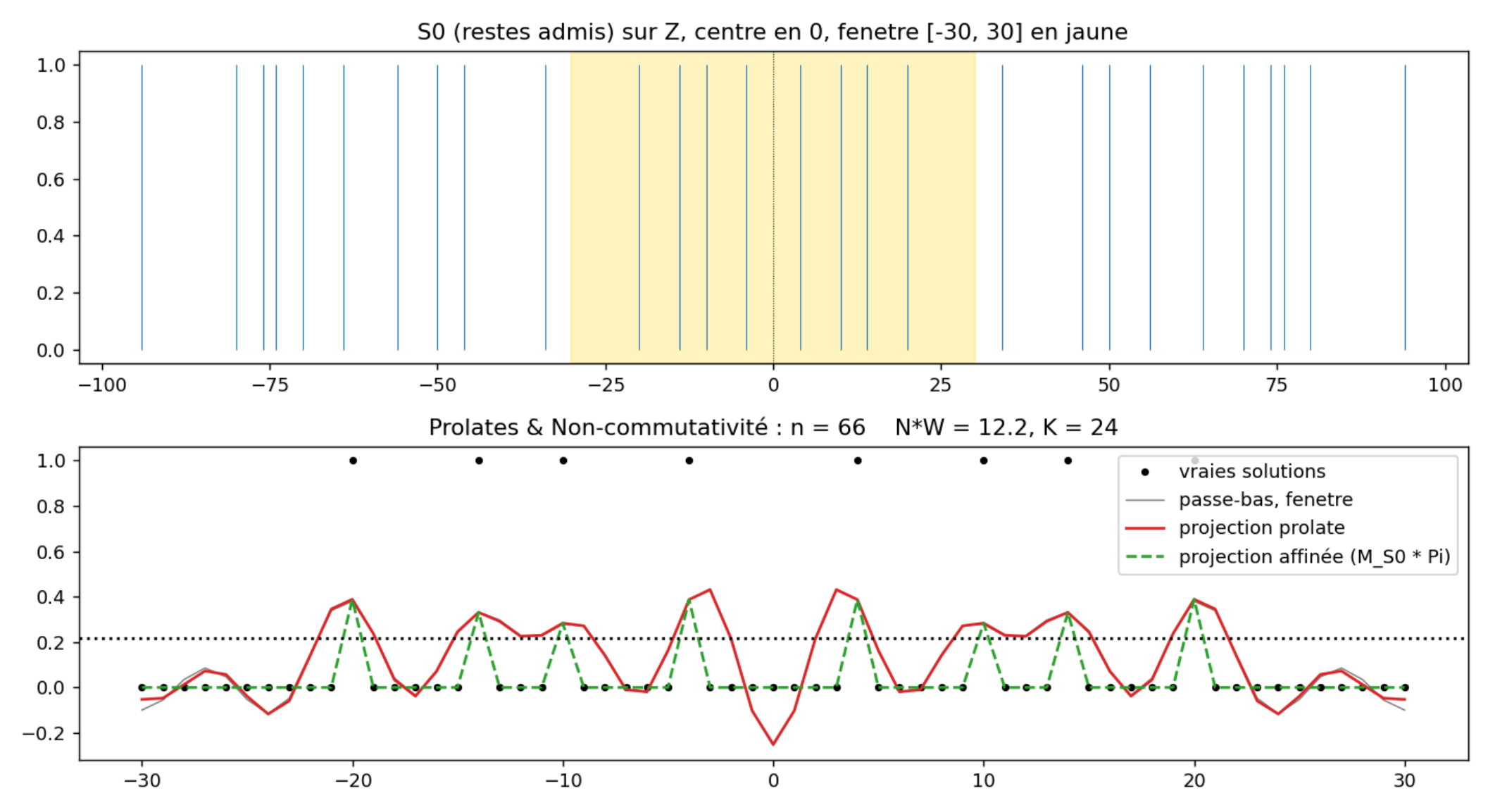

S0 (restes admis) sur Z, centre en 0, fenetre [-25, 25] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−80
−60
−40
−20
0
20
40
60
80
Prolates & Non-commutativité : n = 56 N*W = 10.2, K = 20
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−20
−10
0
10
20

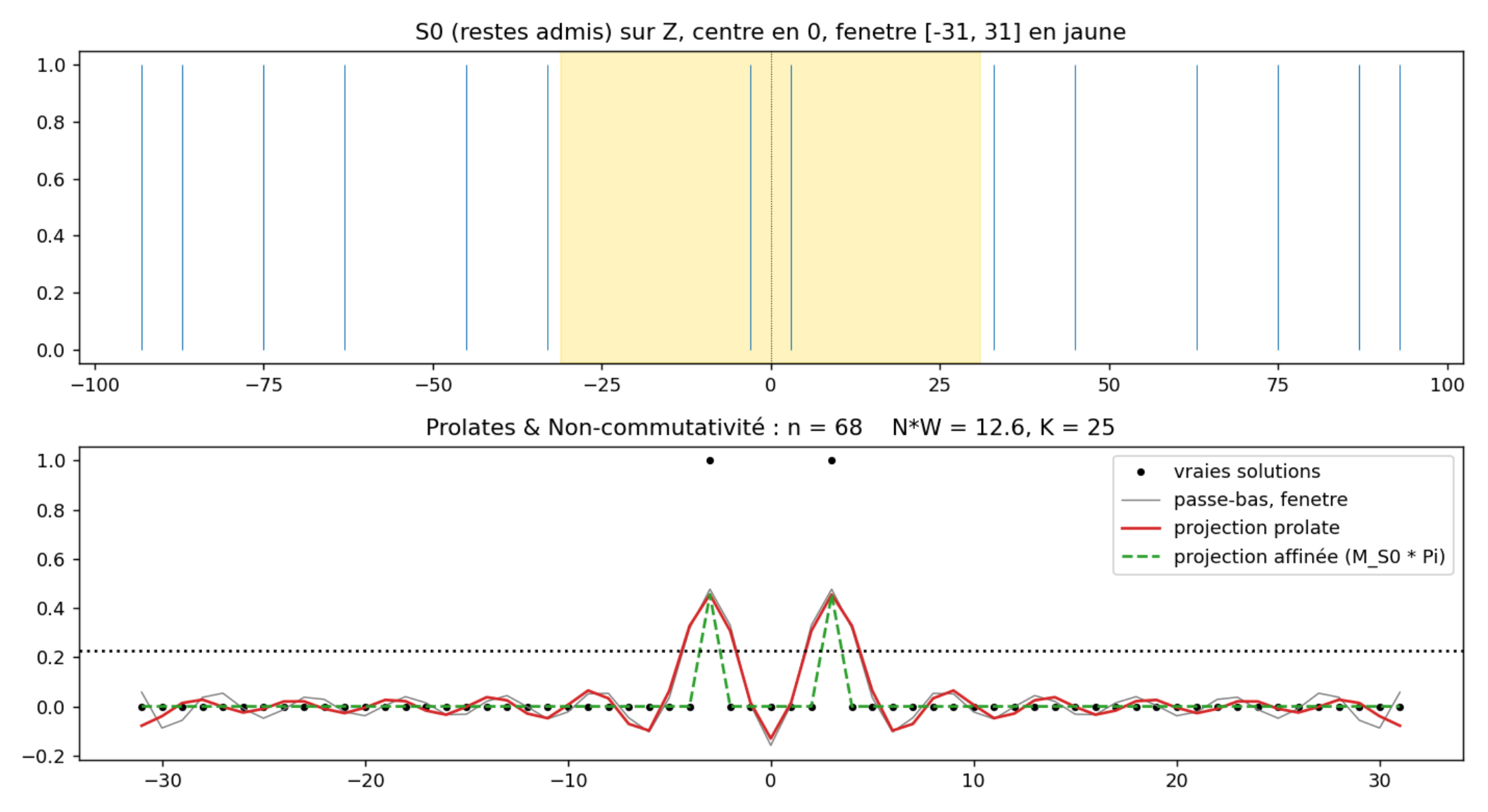

S0 (restes admis) sur Z, centre en 0, fenetre [-26, 26] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−60
−40
−20
0
20
40
60
Prolates & Non-commutativité : n = 58 N*W = 10.6, K = 21
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−20
−10
0
10
20

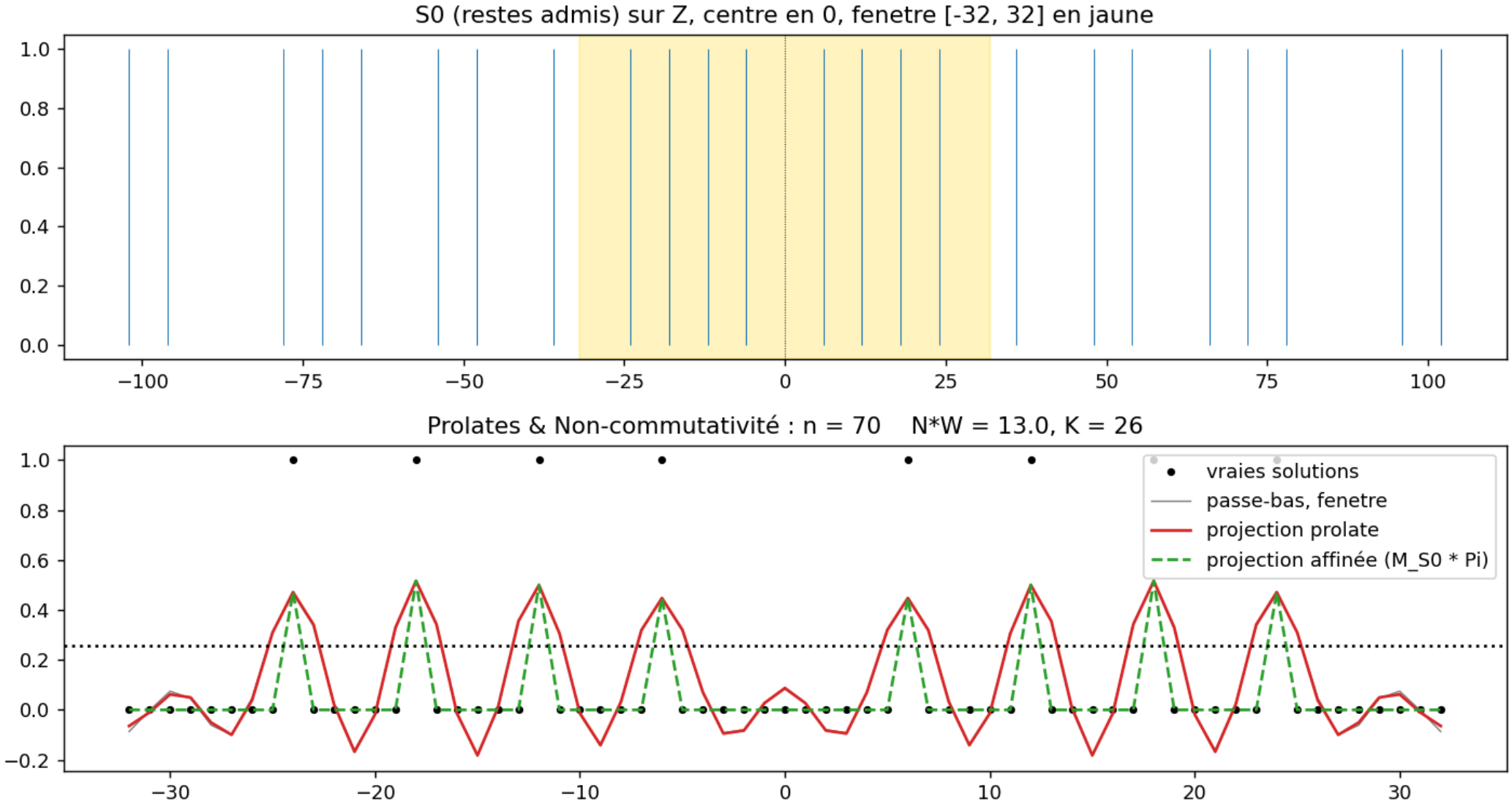

S0 (restes admis) sur Z, centre en 0, fenetre [-27, 27] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−75
−50
−25
0
25
50
75
Prolates & Non-commutativité : n = 60 N*W = 11.0, K = 22
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
−0.2
−20
−10
10
20

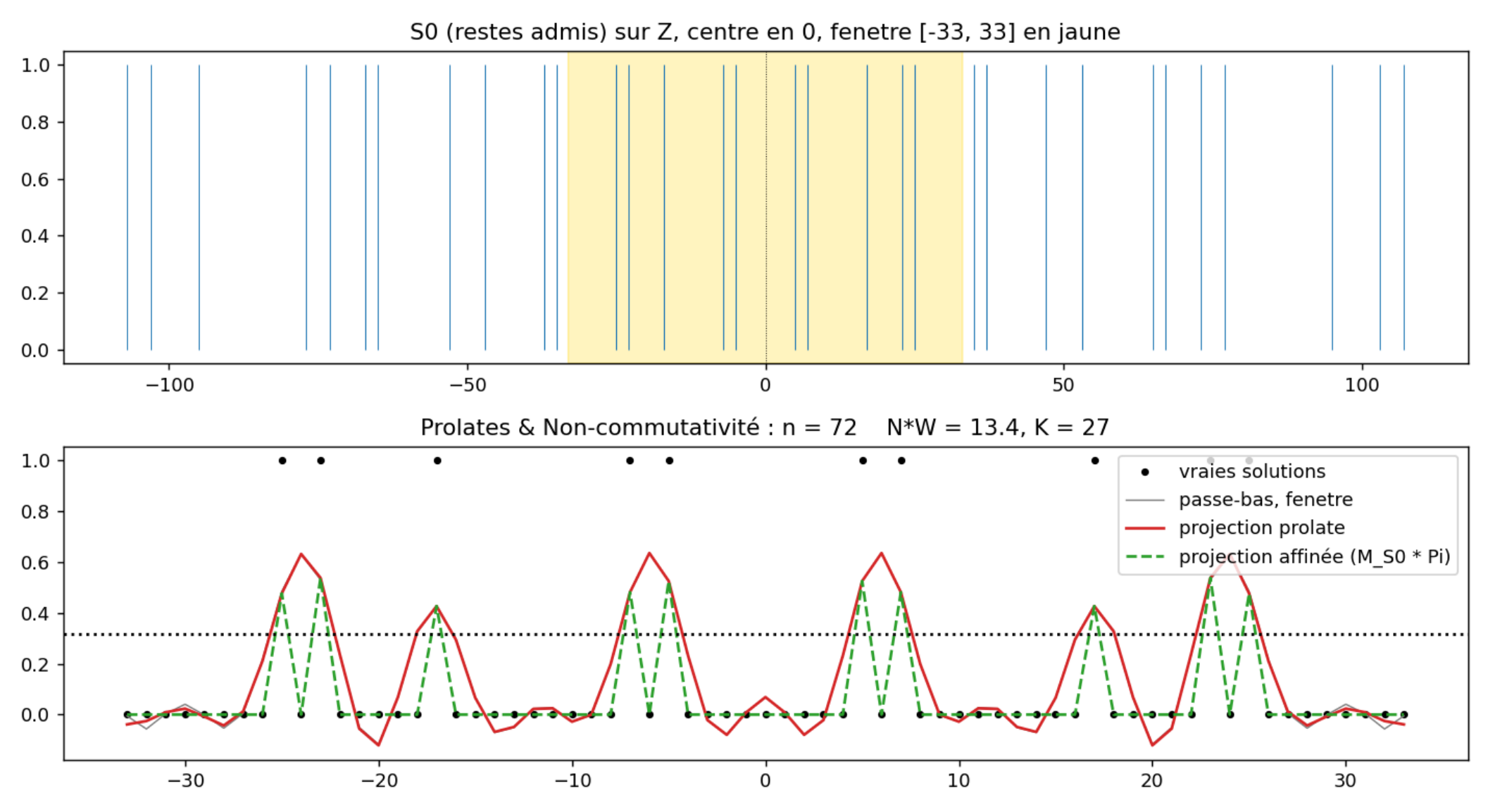

S0 (restes admis) sur Z, centre en 0, fenetre [-28, 28] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−75
−50
−25
0
25
50
75
Prolates & Non-commutativité : n = 62 N*W = 11.4, K = 23
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
−30
−20
−10
0
10
20
30

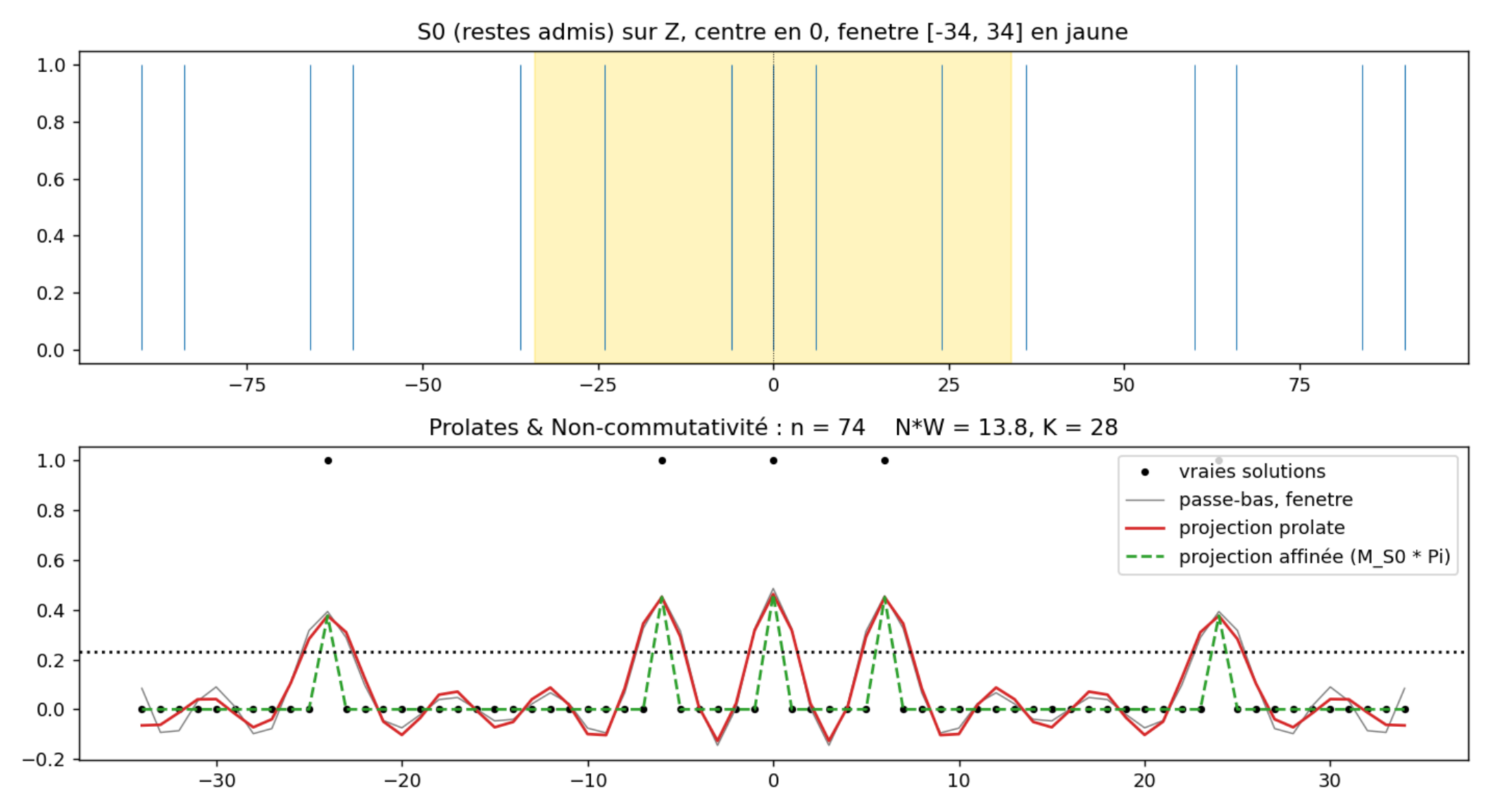

S0 (restes admis) sur Z, centre en 0, fenetre [-29, 29] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−80
−60
−40
−20
0
20
40
60
80
Prolates & Non-commutativité : n = 64 N*W = 11.8, K = 24
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−30
−20
−10
0
10
20
30

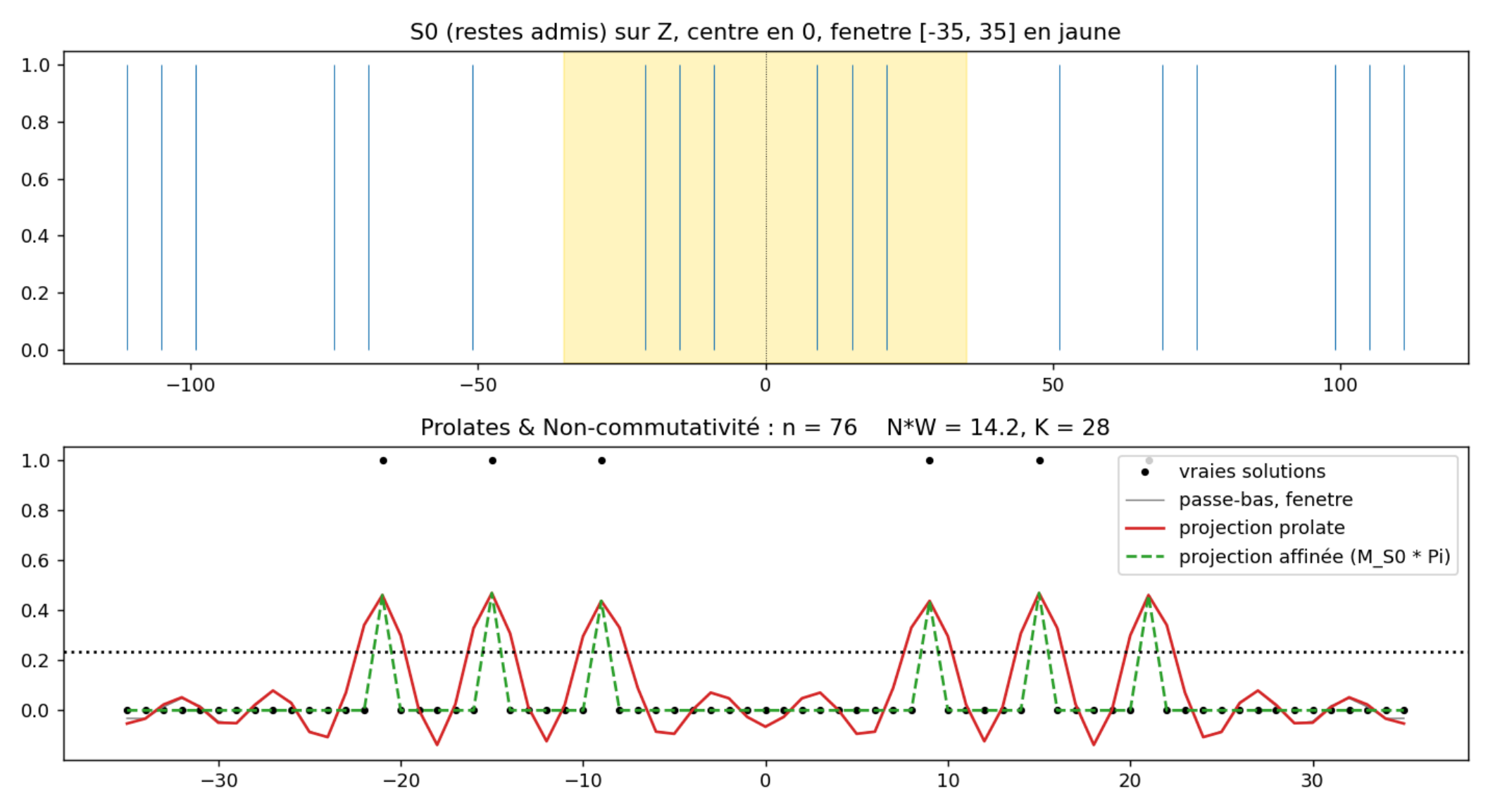

S0 (restes admis) sur Z, centre en 0, fenetre [-30, 30] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−75
−50
−25
0
25
50
75
100
Prolates & Non-commutativité : n = 66 N*W = 12.2, K = 24
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−30
−20
−10
0
10
20
30

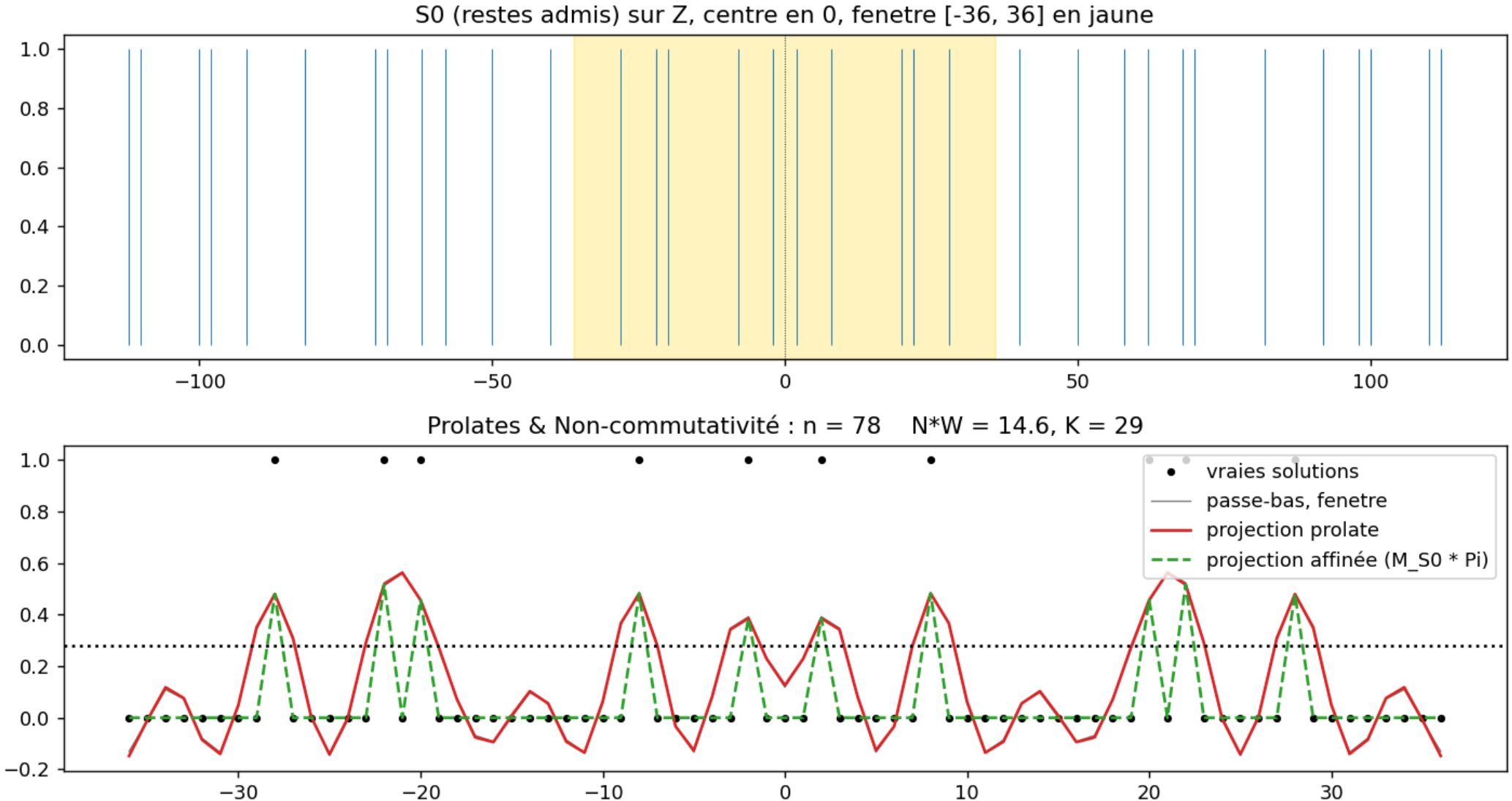

S0 (restes admis) sur Z, centre en 0, fenetre [-31, 31] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−75
−50
−25
0
25
50
75
100
Prolates & Non-commutativité : n = 68 N*W = 12.6, K = 25
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−30
−20
−10
0
10
20
30

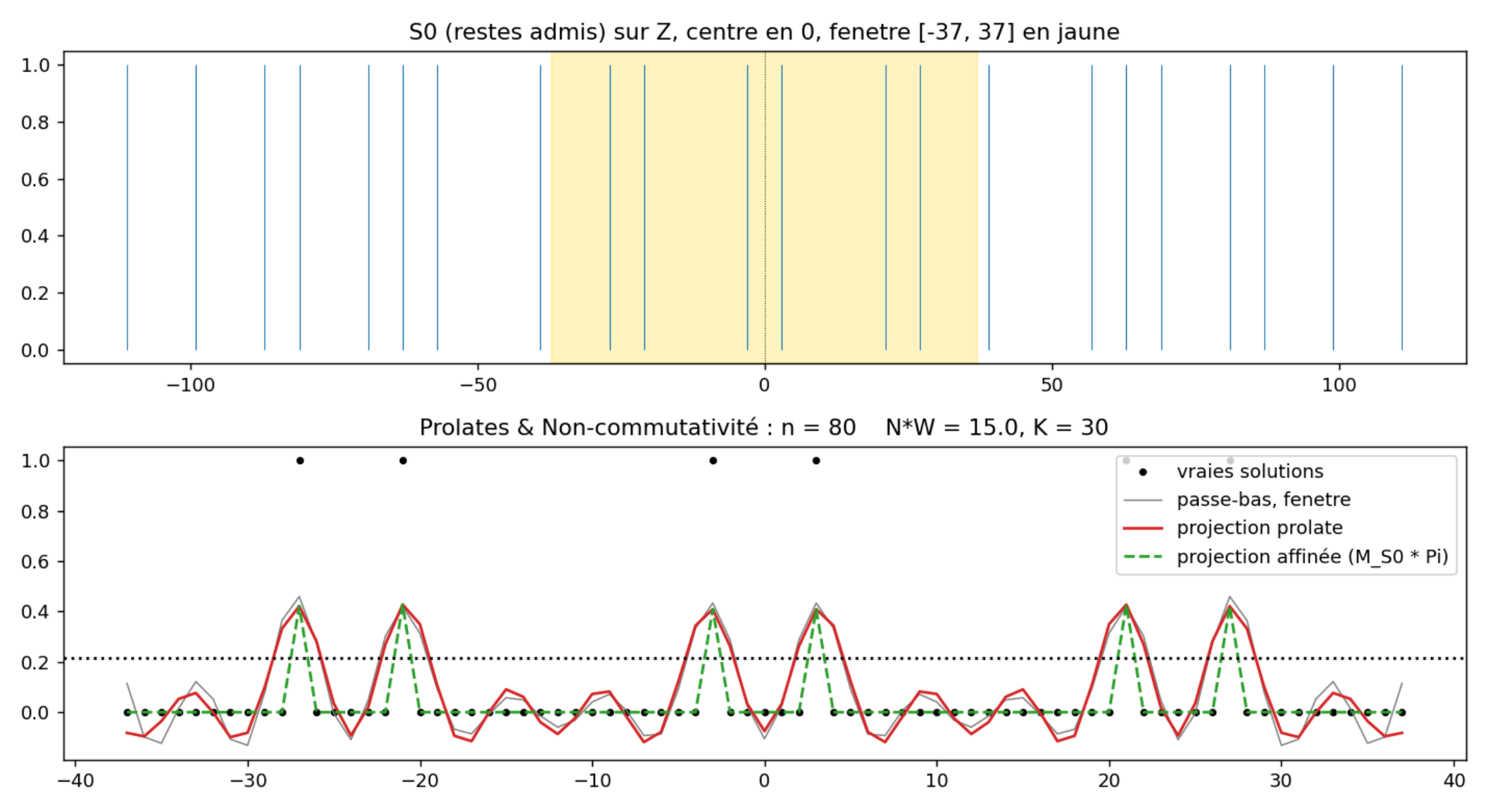

S0 (restes admis) sur Z, centre en 0, fenetre [-32, 32] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−75
−50
−25
0
25
50
75
100
Prolates & Non-commutativité : n = 70 N*W = 13.0, K = 26
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−30
−20
−10
0
10
20
30

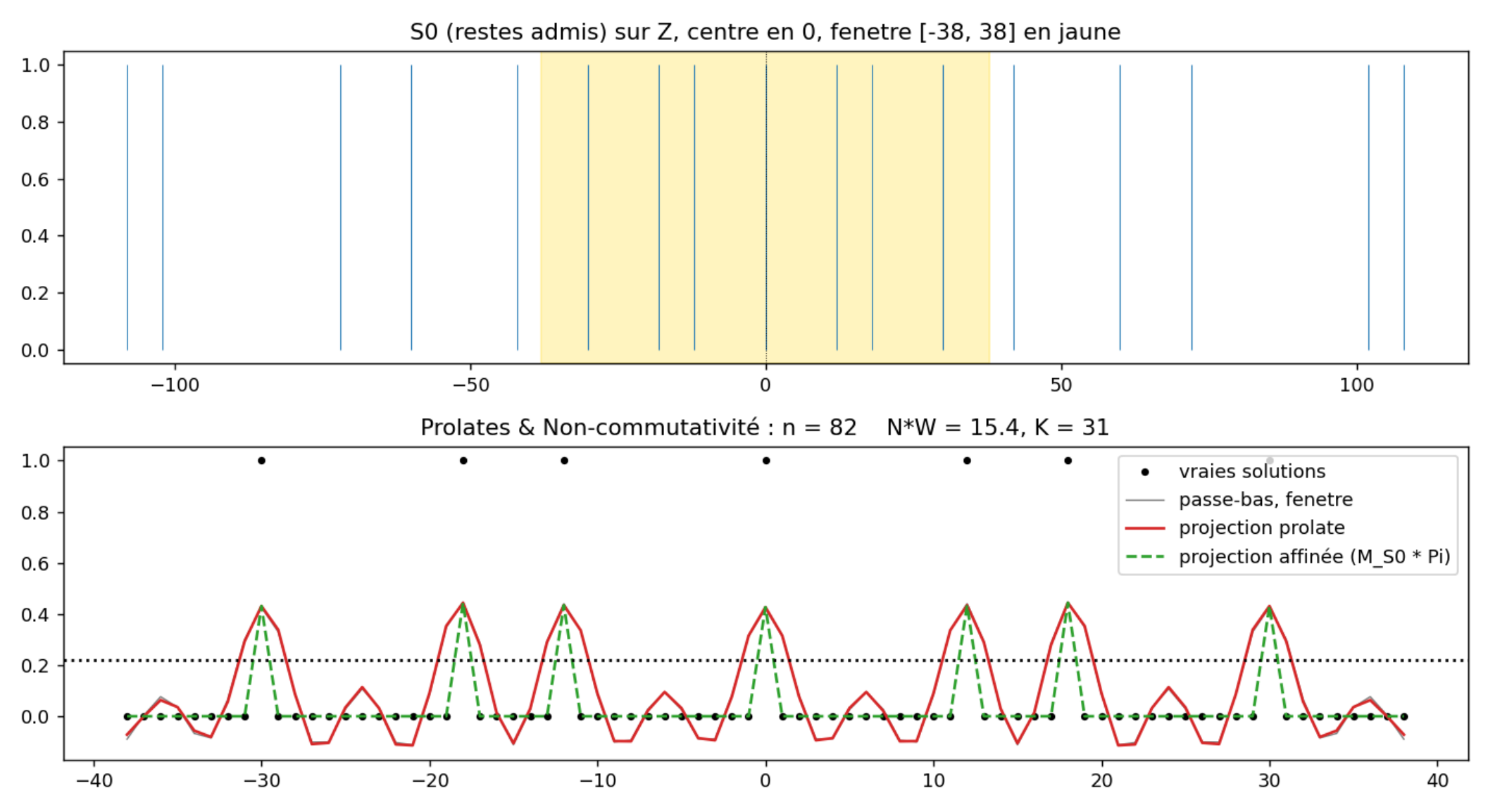

S0 (restes admis) sur Z, centre en 0, fenetre [-33, 33] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 72 N*W = 13.4, K = 27
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
−30
−20
−10
0
10
20
30

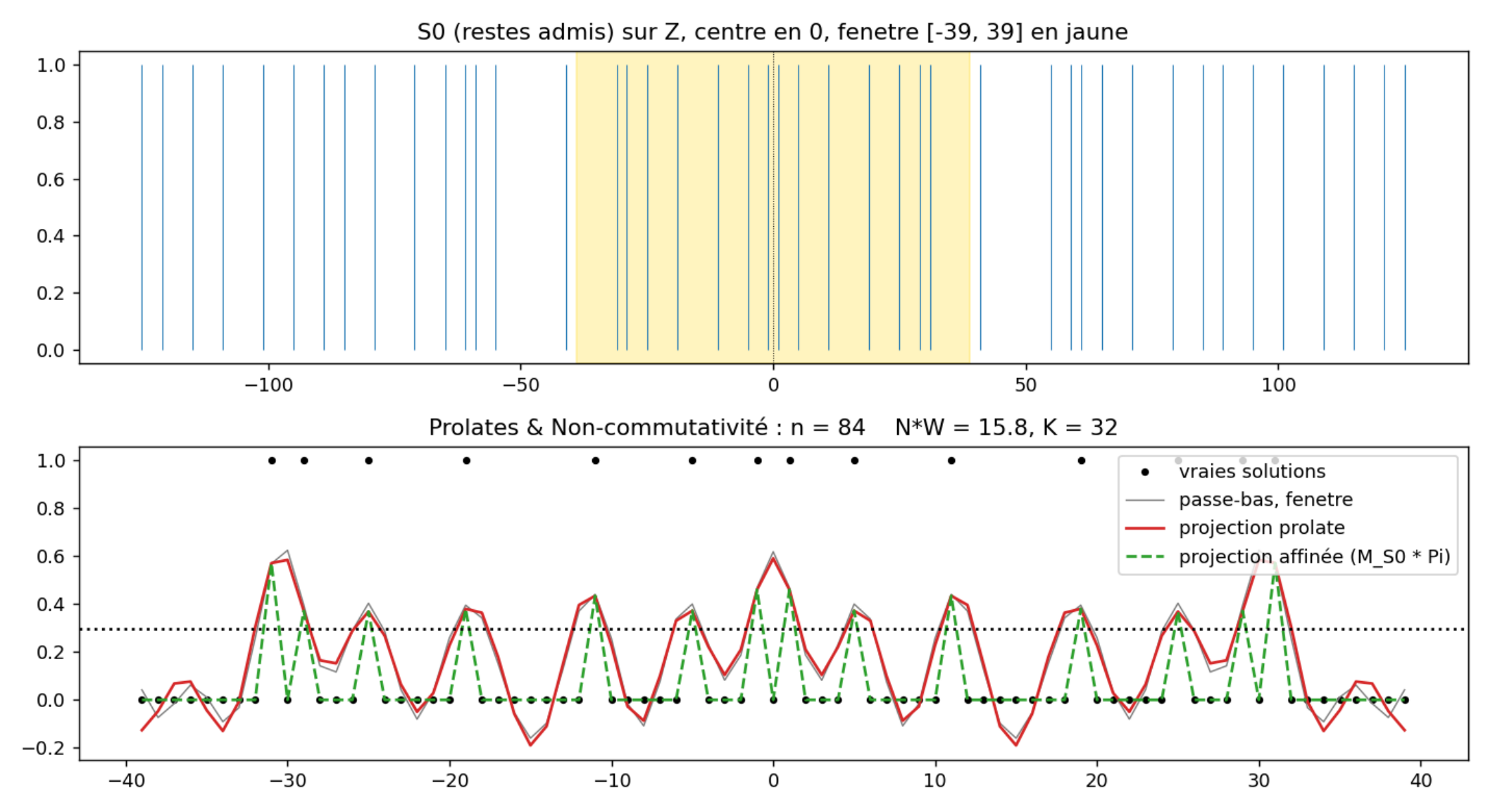

S0 (restes admis) sur Z, centre en 0, fenetre [-34, 34] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−75
−50
−25
0
25
50
75
Prolates & Non-commutativité : n = 74 N*W = 13.8, K = 28
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−30
−20
−10
0
10
20
30
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)

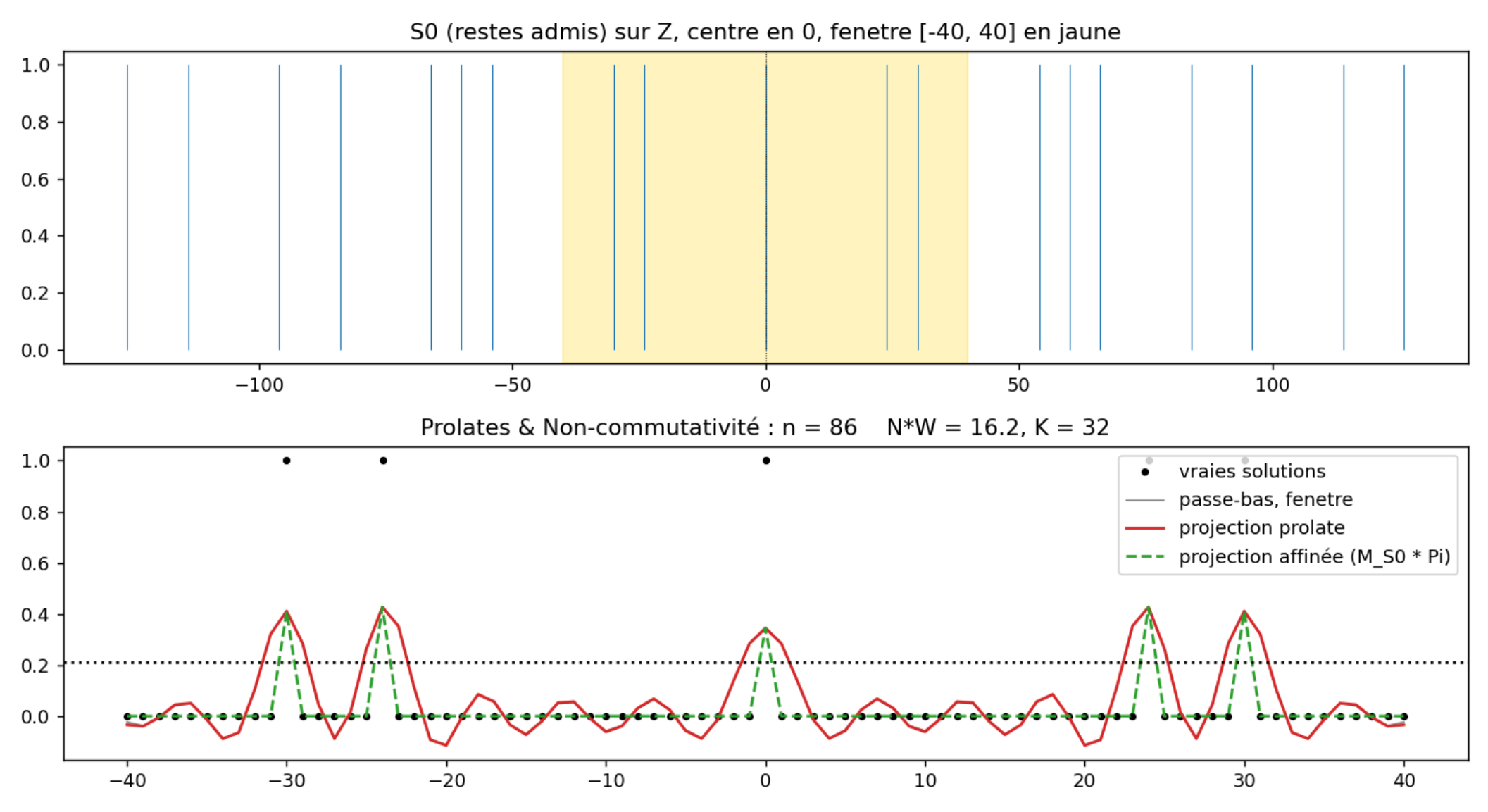

S0 (restes admis) sur Z, centre en 0, fenetre [-35, 35] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 76 N*W = 14.2, K = 28
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
−30
−20
−10
0
10
20
30

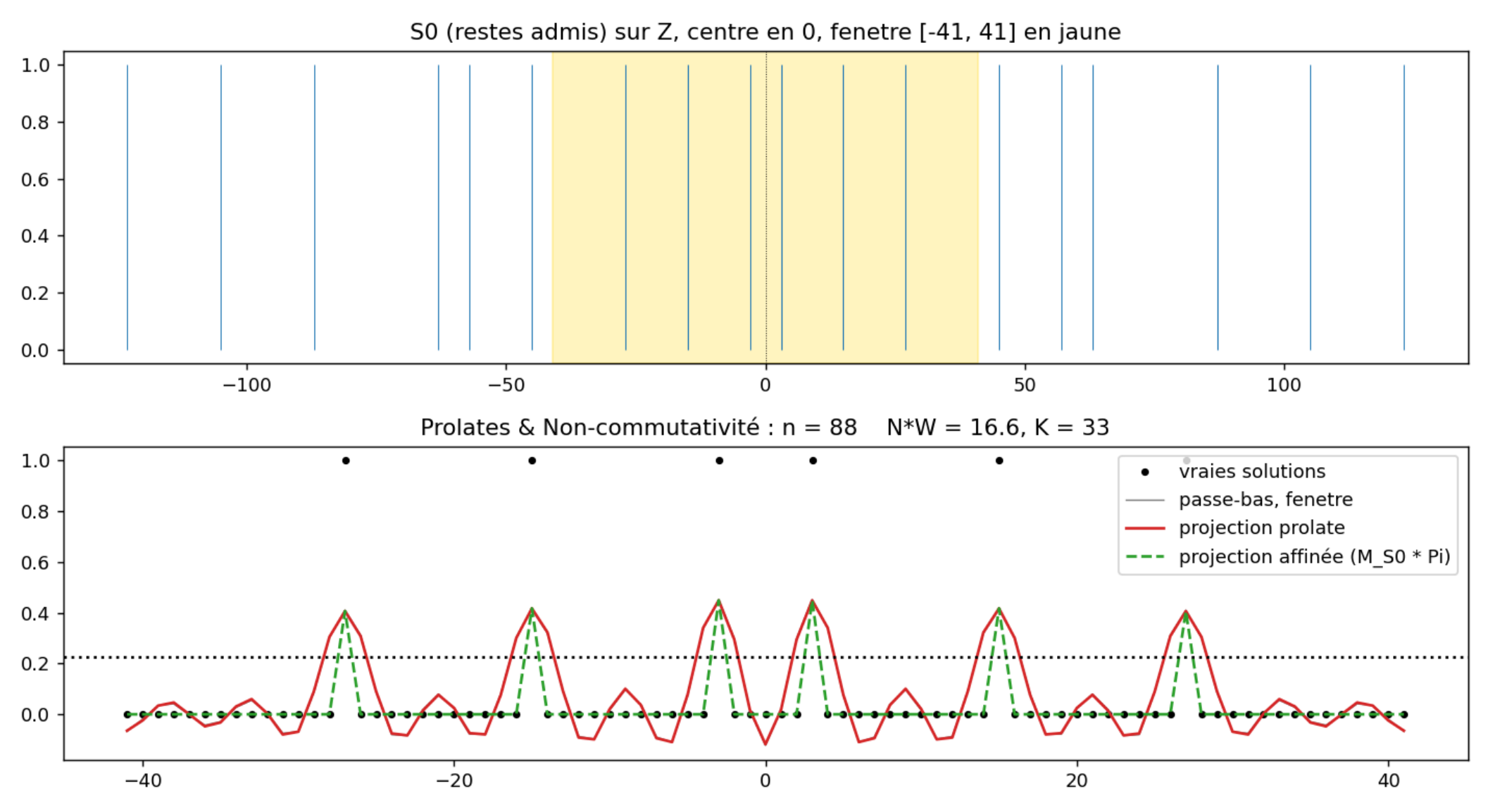

S0 (restes admis) sur Z, centre en 0, fenetre [-36, 36] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 78 N*W = 14.6, K = 29
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−30
−20
−10
0
10
20
30
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)

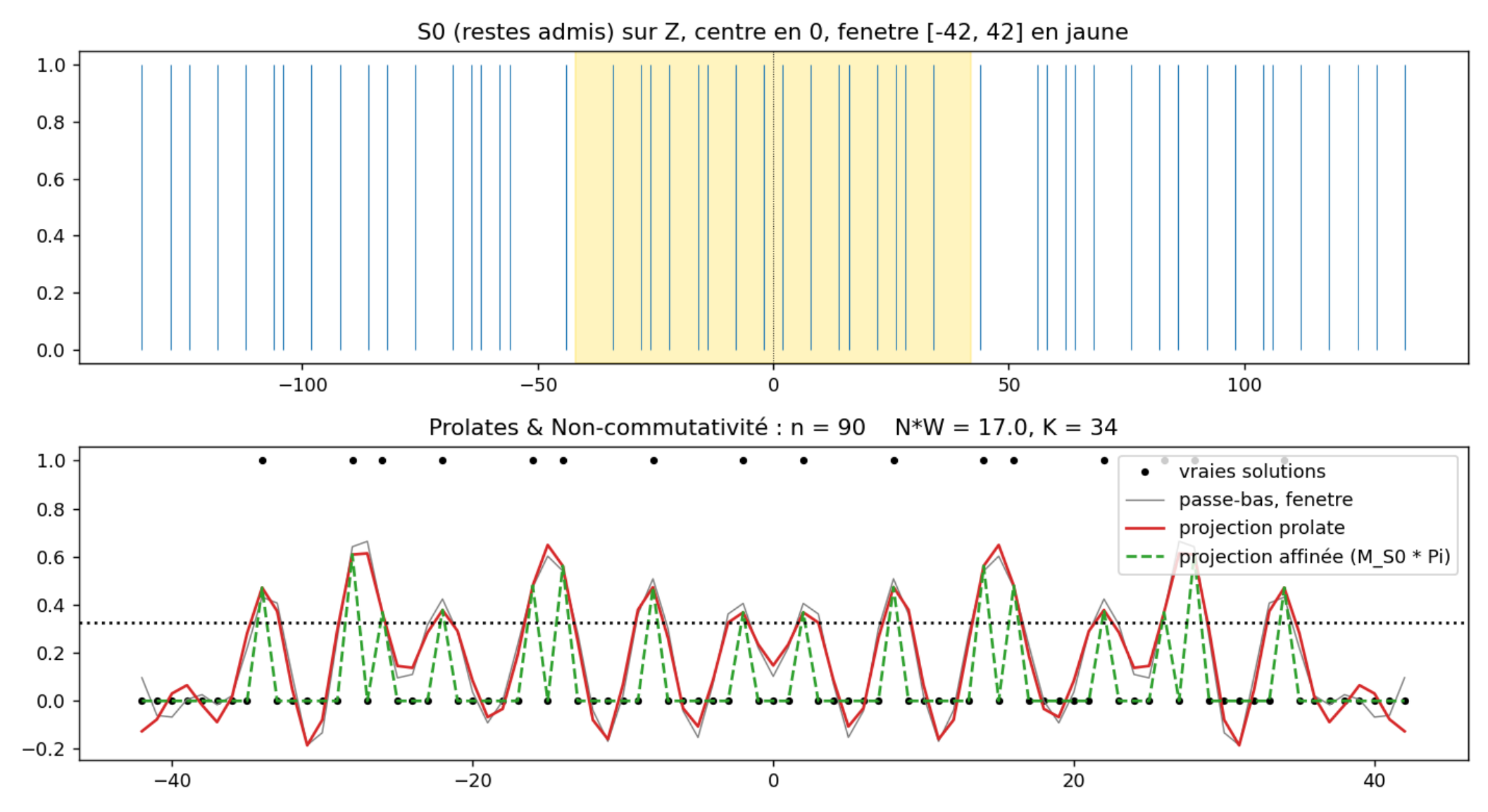

S0 (restes admis) sur Z, centre en 0, fenetre [-37, 37] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 80 N*W = 15.0, K = 30
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
−40
−30
−20
−10
0
10
20
30
40

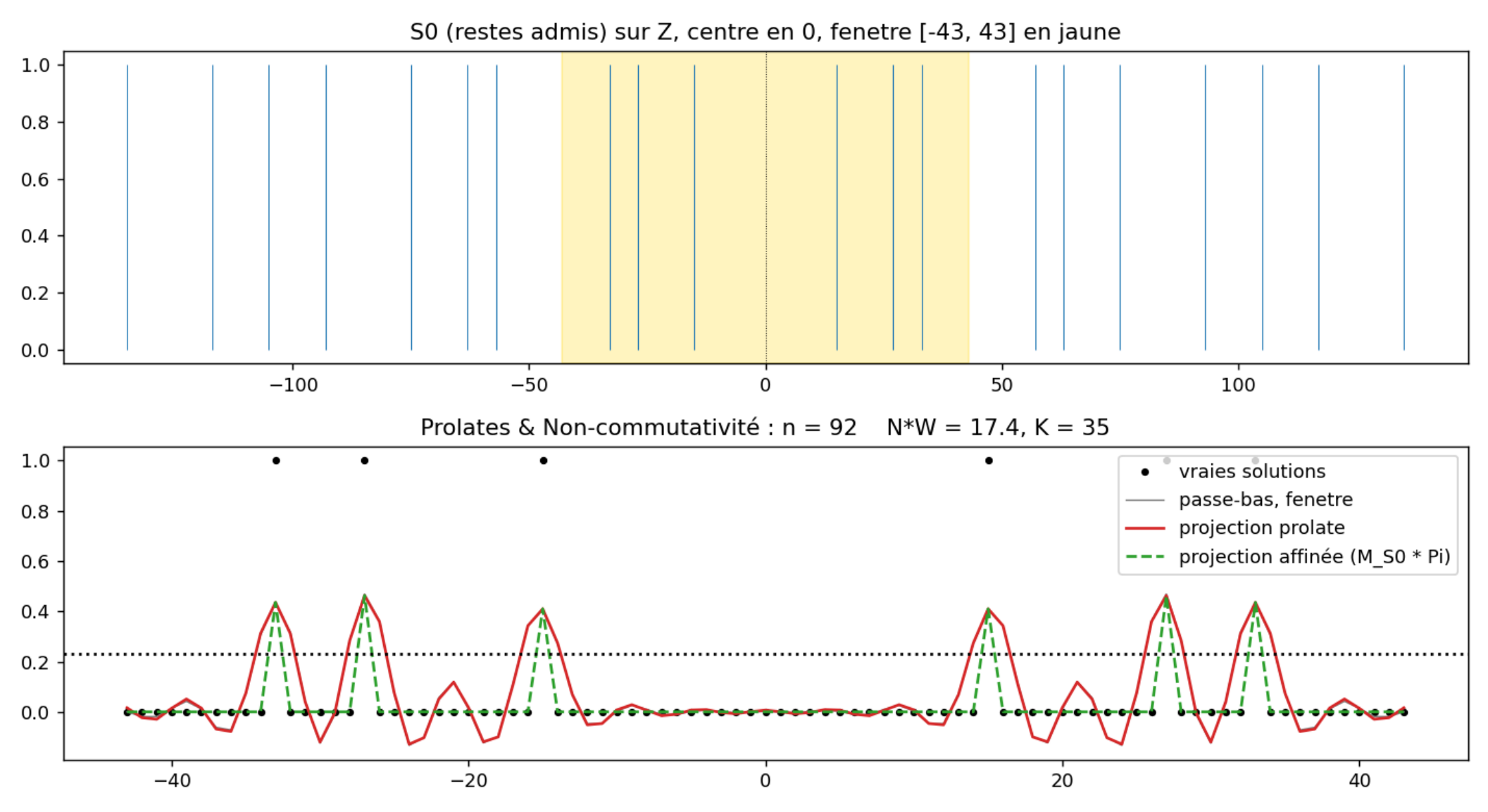

S0 (restes admis) sur Z, centre en 0, fenetre [-38, 38] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 82 N*W = 15.4, K = 31
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
−40
−30
−20
−10
10
20
30
40

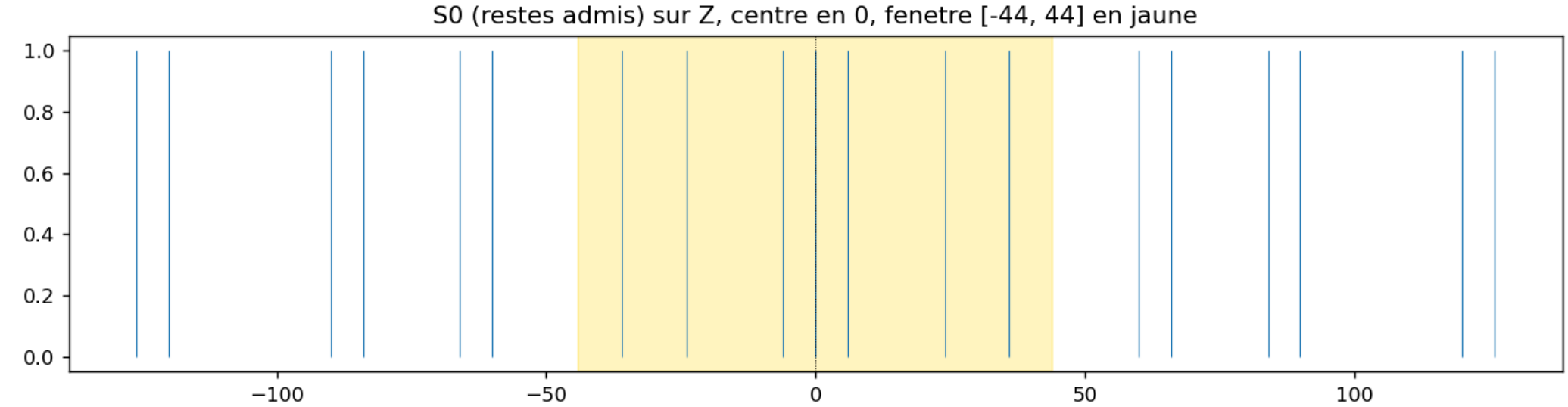

S0 (restes admis) sur Z, centre en 0, fenetre [-39, 39] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 84 N*W = 15.8, K = 32
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−40
−30
−20
−10
0
10
20
30
40
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)

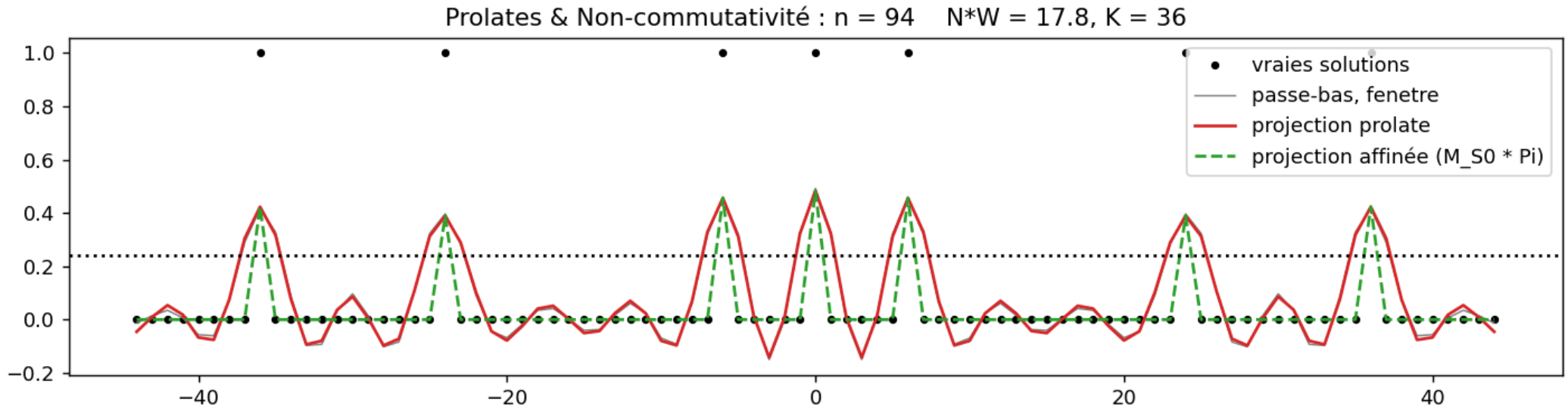

S0 (restes admis) sur Z, centre en 0, fenetre [-40, 40] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 86 N*W = 16.2, K = 32
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−40
−30
−20
−10
0
10
20
30
40

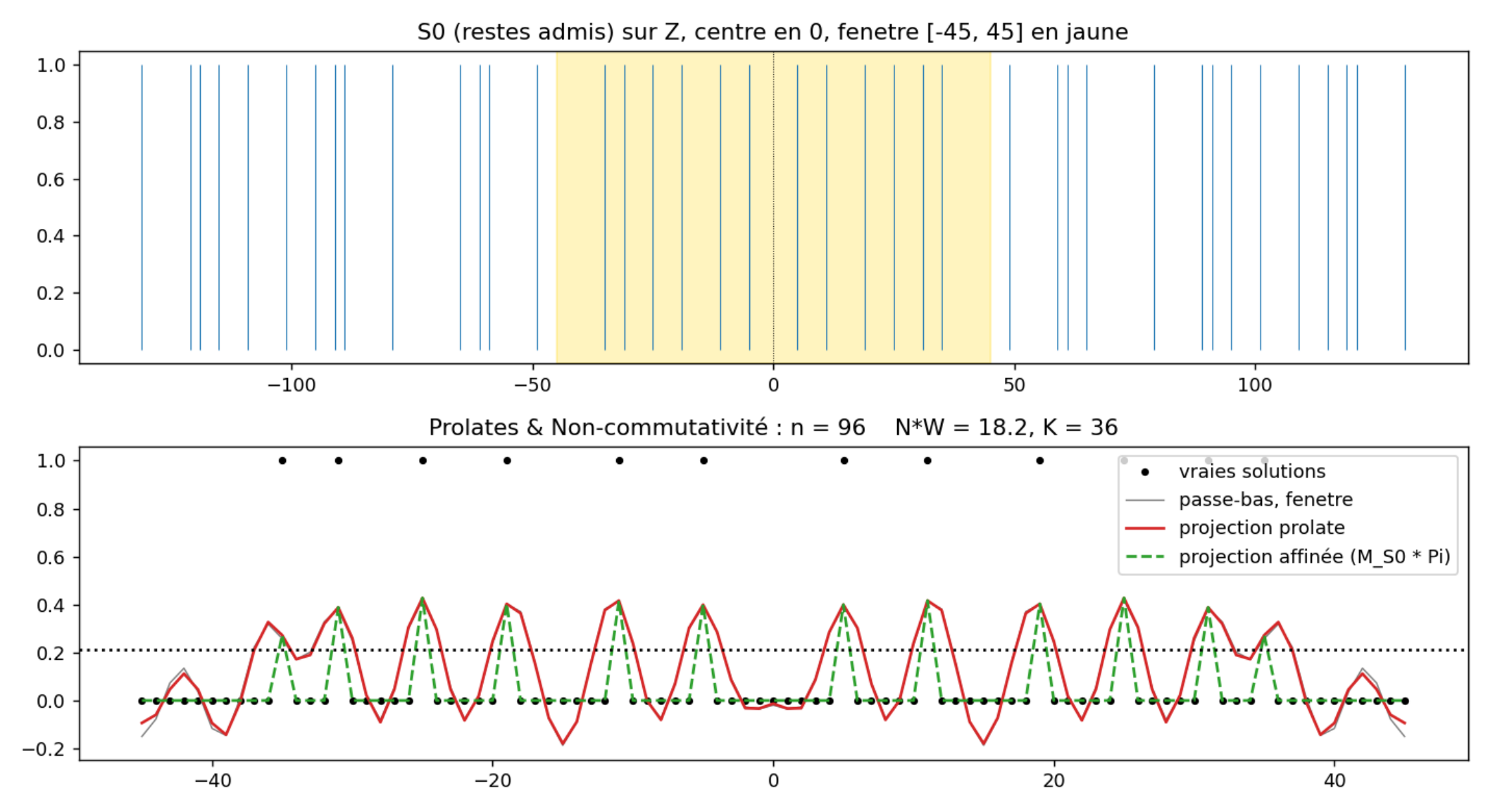

S0 (restes admis) sur Z, centre en 0, fenetre [-41, 41] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 88 N*W = 16.6, K = 33
1.0
0.8
0.6
0.4
0.2
0.0
−40
−20
0
20
40
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)

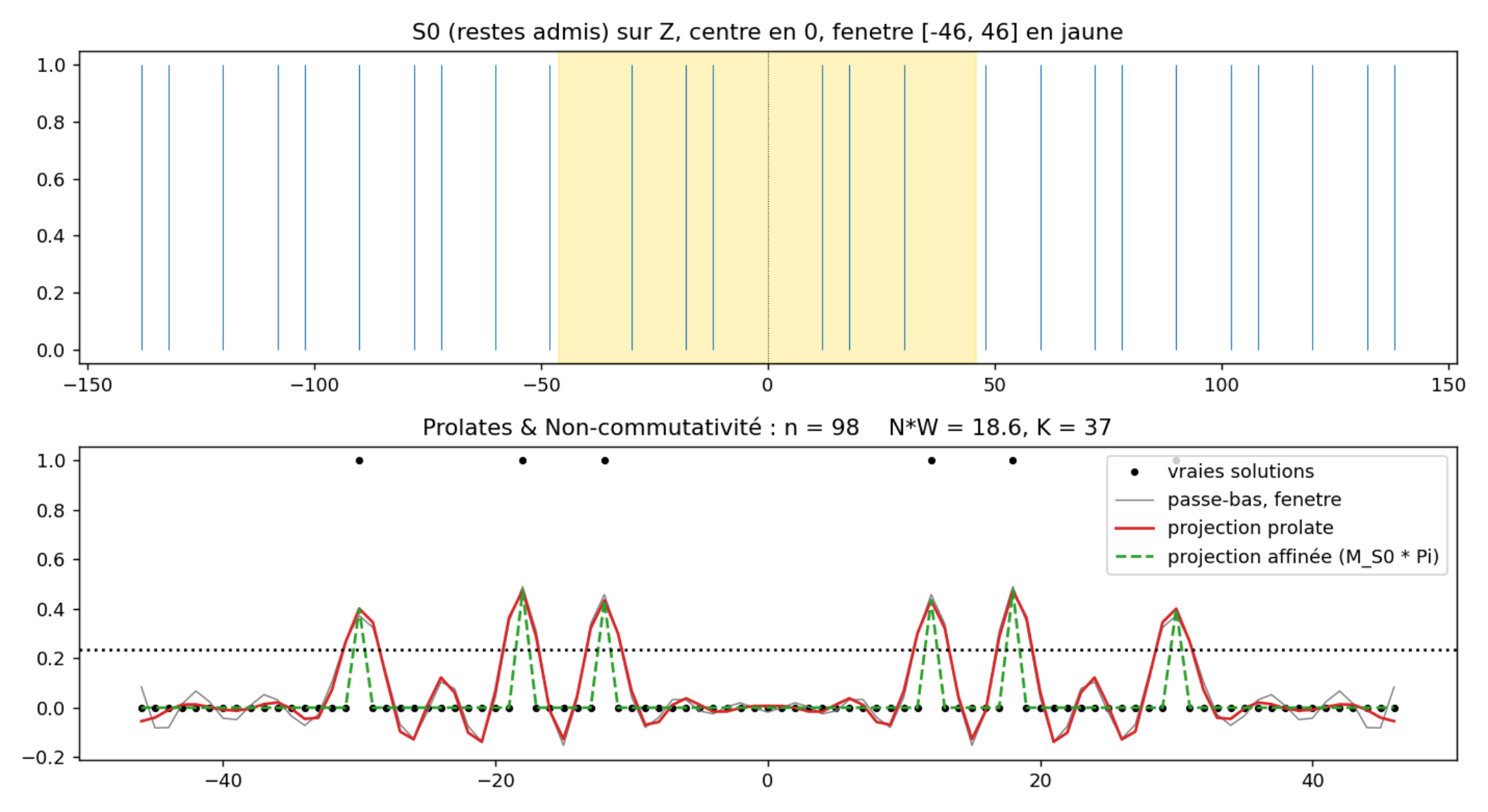

S0 (restes admis) sur Z, centre en 0, fenetre [-42, 42] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 90 N*W = 17.0, K = 34
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−40
−20
0
20
40
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)

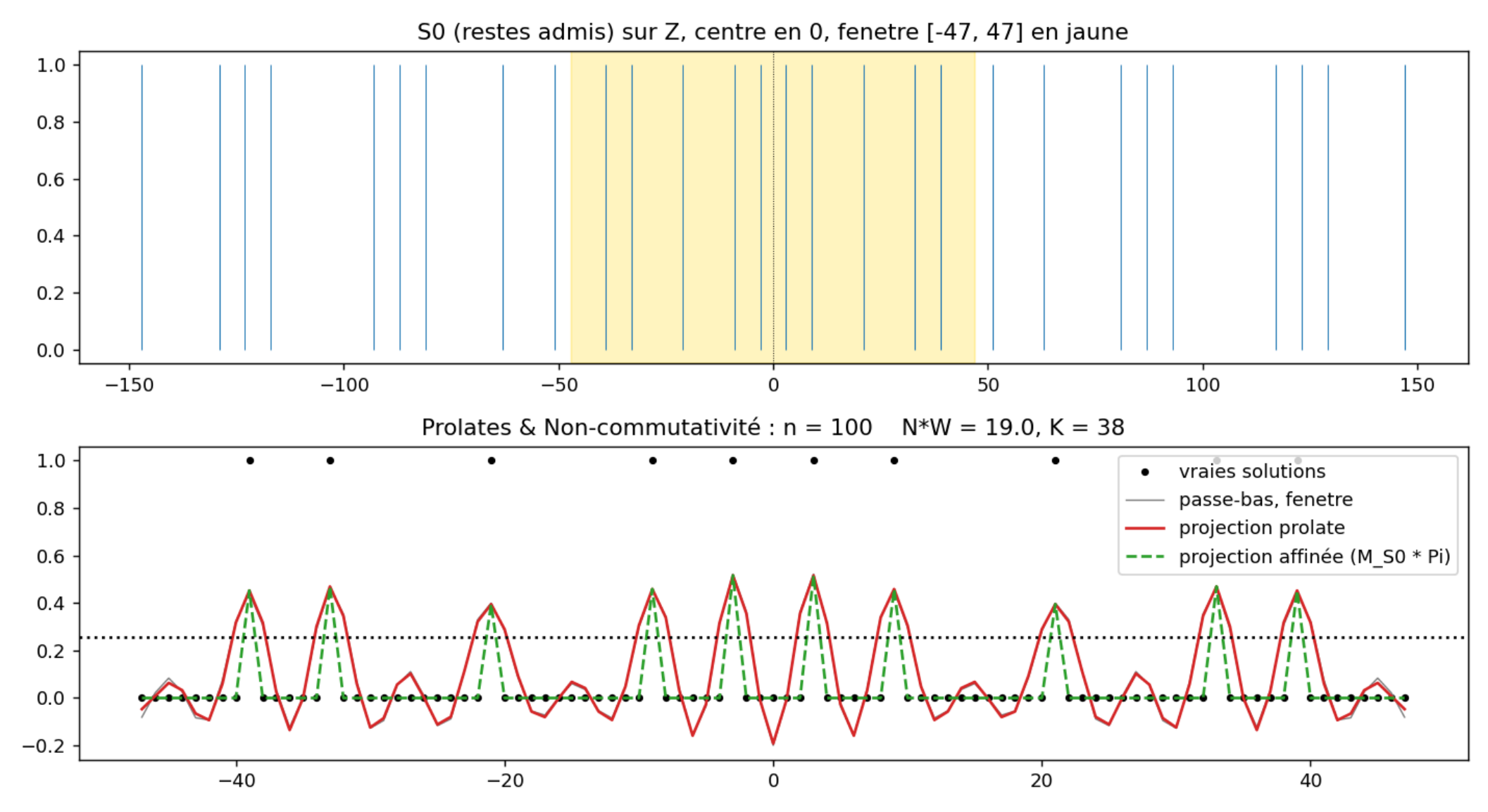

S0 (restes admis) sur Z, centre en 0, fenetre [-43, 43] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 92 N*W = 17.4, K = 35
1.0
0.8
0.6
0.4
0.2
0.0
−40
−20
0
20
40
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)

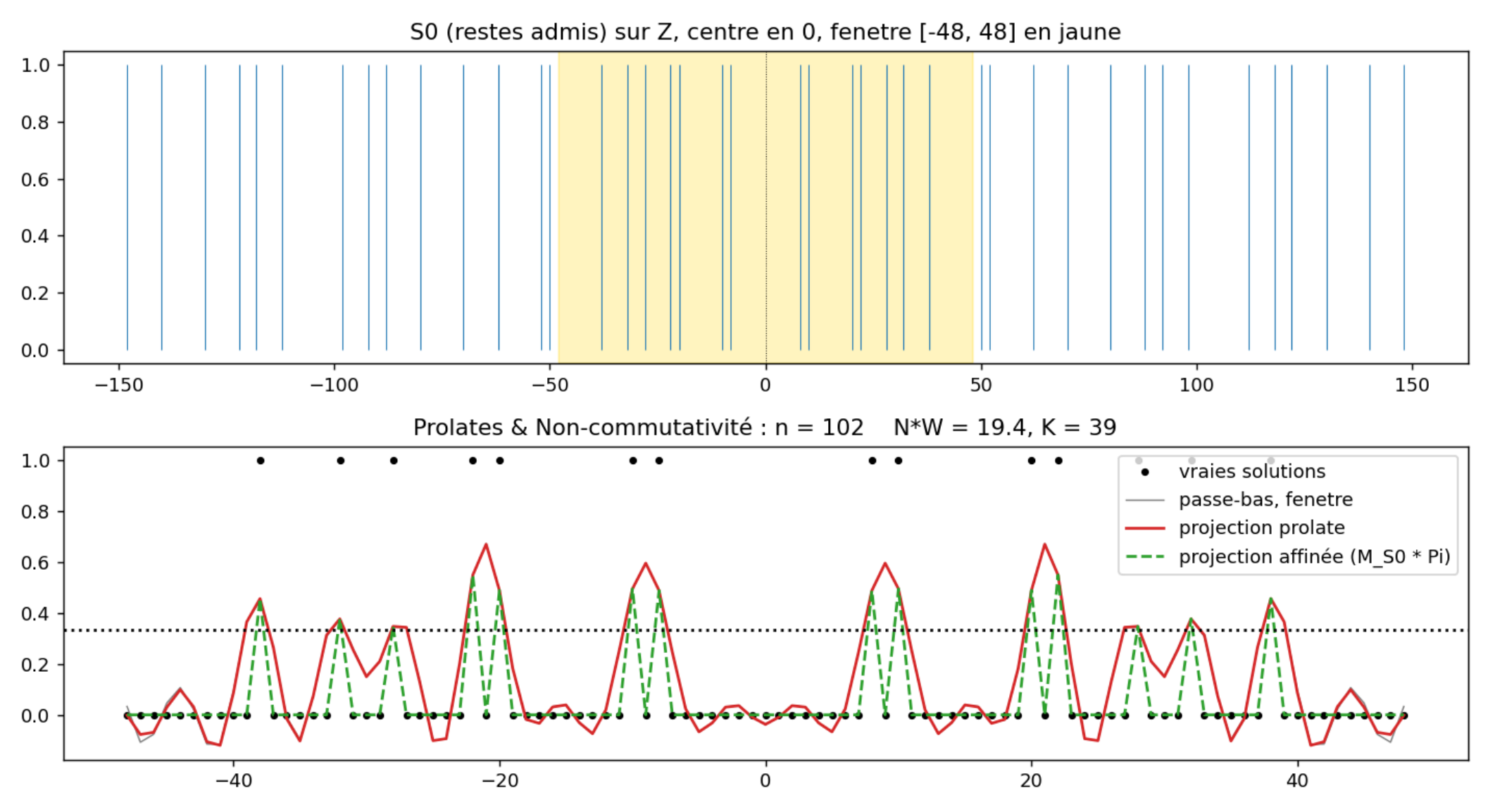

S0 (restes admis) sur Z, centre en 0, fenetre [-44, 44] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100


Prolates & Non-commutativité : n = 94 N*W = 17.8, K = 36
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−40
−20
0
20
40


S0 (restes admis) sur Z, centre en 0, fenetre [-45, 45] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−100
−50
0
50
100
Prolates & Non-commutativité : n = 96 N*W = 18.2, K = 36
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−40
−20
0
20
40


S0 (restes admis) sur Z, centre en 0, fenetre [-46, 46] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−150
−100
−50
0
50
100
150
Prolates & Non-commutativité : n = 98 N*W = 18.6, K = 37
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−40
−20
0
20
40


S0 (restes admis) sur Z, centre en 0, fenetre [-47, 47] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−150
−100
−50
0
50
100
150
Prolates & Non-commutativité : n = 100 N*W = 19.0, K = 38
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−40
−20
0
20
40
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)


S0 (restes admis) sur Z, centre en 0, fenetre [-48, 48] en jaune
1.0
0.8
0.6
0.4
0.2
0.0
−150
−100
−50
0
50
100
150
Prolates & Non-commutativité : n = 102 N*W = 19.4, K = 39
1.0
0.8
0.6
0.4
0.2
0.0
−40
−20
0
20
40
vraies solutions
passe-bas, fenetre
projection prolate
projection affinée (M_S0 * Pi)