



# Francois-Xavier JEAN

France

## L'ardoise - Saison 4 (opus 90, No.27 )

**Associate:** SACEM - IPI code of the artist : 00483 46 92 21  
**Artist page :** <https://www.free-scores.com/Download-PDF-Sheet-Music-francoisxavierjean.htm>

### About the piece



**Title:** L'ardoise - Saison 4 [opus 90, No.27 ]  
**Composer:** JEAN, Francois-Xavier  
**Copyright:** Copyright Â© Francois-Xavier JEAN  
**Instrumentation:** Piano solo  
**Style:** Contemporary

Francois-Xavier JEAN on [free-scores.com](https://www.free-scores.com)



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*François-Xavier Jean*  
*L'ardoise*



*saison 4*  
*opus 90, No. 27*

*François-Xavier Jeaan*

*L'ardoise*

*saison 4*

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correspondance avec J.B. Missoffe , mathématicien et musicien

somme cumulative du vecteur  $V(1,4,6)$

<https://chatgpt.com/>

Openai

D'accord, calculons la somme cumulative du vecteur  $V=(1,4,6)$ .

Pour le premier élément, il reste tel quel.

Pour le deuxième élément,

on ajoute le premier élément (1) au deuxième élément (4), ce qui donne 5.

Pour le troisième élément, on ajoute le deuxième élément (4)

au troisième élément (6), ce qui donne 10.

Donc, la somme cumulative du vecteur  $V(1,5,10)$ .

FXJ

On pourrait s'en servir pour moduler  
, qu'en penses-tu ?

rappel  $7 = 5 (12-7) \dots 8 = 4 (12-8) \dots 9 = (12-3) \dots 10 = 12-2) \dots$   
 $11 = (12-1) \rightarrow V(1,5,10) \rightarrow V(1,5,2)$

JBM

Transformer plus que moduler. Avec un pb cependant c'est que les vecteurs engendrés auront trop d'amplitude...

FXJ

J'ai pas ressenti ça en fait

. Dans la saison 3 d'Ardoise, j'ai eu une impression de simplicité avec le passage de 1,2,4 vers 1,3,7 alias 1,3,5. ( $12-7=5$ ). Pour contrôler sagement une amplitude je m'entraîne souvent à respecter une armure donnée p.ex.  $[Bb Eb]$  ou  $[F\# C\# G\#]$ . Mais je peux aussi me fixer deux ou trois altérations inédites comme:  $F\# D\#$  ou  $Db Eb$ , tu me diras ...

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$V (1, 3, 4)$   
 vecteur cumulatif

$V (1, 2, 3)$   
 vecteur cumulatif

$V (1, 3, 6)$

$V (1, 4, 8=4)$

$--> V (1, 4)$

$V (1, 2, 4)$   
 vecteur cumulatif

$V (1, 3, 7)$

# L'ardoise saison 4

## opus 90, No.27

François-Xavier Jean

V2 (2,4)  
C2 (2,6)

V1 (1,2)  
C1 (1,3)

Vecteur libre V1  
applicable à toute note

V1 (1,2)  
C1 (1,3)

V2 (2,4)  $v_1+v_1$   
C2 (2,6)

Musical notation for the first system, measures 1-2. The score is in 3/4 time. The treble clef staff has a whole rest in measure 1 and a half note G4 in measure 2. The bass clef staff has a half note G2 in measure 1 and a half note G3 in measure 2. Above the treble staff, there are labels: V1 (1,2) and C1 (1,3) above measure 1, and V1 (1,2) and C1 (1,3) above measure 2. Above the bass staff, there are labels: V2 (2,4) and C2 (2,6) above measure 1, and V2 (2,4) and C2 (2,6) above measure 2.

Musical notation for the second system, measures 3-4. The treble clef staff has a whole rest in measure 3 and a half note G4 in measure 4. The bass clef staff has a half note G2 in measure 3 and a half note G3 in measure 4. Above the treble staff, there are labels: V2 (2,4) and C2 (2,6) above measure 4. Above the bass staff, there are labels: V2 (2,4) and C2 (2,6) above measure 4.

Musical notation for the third system, measures 5-6. The treble clef staff has a half note G4 in measure 5 and a half note G4 in measure 6. The bass clef staff has a half note G2 in measure 5 and a half note G3 in measure 6. Above the treble staff, there are labels: V2 (2,4) and C2 (2,6) above measure 5, and V2 (2,4) and C2 (2,6) above measure 6. Above the bass staff, there are labels: V2 (2,4) and C2 (2,6) above measure 5, and V2 (2,4) and C2 (2,6) above measure 6.

V1 (1,2)  
C1 (1,3)

V1 (2,4)  
C1 (2,6)

7

Musical notation for measures 7 and 8. Measure 7: Treble clef has a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a quarter note C5. Bass clef has a dotted quarter note G2, an eighth note A2, a quarter note Bb2, and a quarter note C3. Measure 8: Treble clef has a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a quarter note C5. Bass clef has a dotted quarter note G2, an eighth note A2, a quarter note Bb2, and a quarter note C3.

V1 (1,2)  
C1 (1,3)

9

Musical notation for measures 9 and 10. Measure 9: Treble clef has a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a quarter note C5. Bass clef has a dotted quarter note G2, an eighth note A2, a quarter note Bb2, and a quarter note C3. Measure 10: Treble clef has a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a quarter note C5. Bass clef has a dotted quarter note G2, an eighth note A2, a quarter note Bb2, and a quarter note C3.

V2 (2,4)  
C2 (2,6)

11

Musical notation for measures 11 and 12. Measure 11: Treble clef has a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a quarter note C5. Bass clef has a dotted quarter note G2, an eighth note A2, a quarter note Bb2, and a quarter note C3. Measure 12: Treble clef has a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a quarter note C5. Bass clef has a dotted quarter note G2, an eighth note A2, a quarter note Bb2, and a quarter note C3.

V2 (2,4)  
C2 (2,6)

13

Musical notation for measures 13 and 14. Measure 13: Treble clef has a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a quarter note C5. Bass clef has a dotted quarter note G2, an eighth note A2, a quarter note Bb2, and a quarter note C3. Measure 14: Treble clef has a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a quarter note C5. Bass clef has a dotted quarter note G2, an eighth note A2, a quarter note Bb2, and a quarter note C3.

V3 (1)

15

The musical score consists of two staves: a treble staff (top) and a bass staff (bottom). The treble staff begins with a treble clef and a 7-measure rest. It contains a melodic line with notes on the 2nd, 3rd, 4th, and 5th lines, followed by a whole note chord on the 4th line. The bass staff begins with a bass clef and a 7-measure rest. It contains a bass line with notes on the 2nd, 3rd, 4th, and 5th lines, followed by a whole note chord on the 4th line. The piece concludes with a double bar line.