Les données du projet: Projet testE2

Méthode: Electre II  
Nombre d'alternatives: 6  
Nombre de critères: 5  
  
Paramètres de la méthode:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **--------** | **Critère 1** | **Critère 2** | **Critère 3** | **Critère 4** | **Critère 5** |
| **poids** | 3.0 | 1.0 | 2.0 | 5.0 | 4.0 |

Performances des alternatives:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **--------** | **Critère 1** | **Critère 2** | **Critère 3** | **Critère 4** | **Critère 5** |
| **Alternative 1** | 4.0 | 5.0 | 7.0 | 4.0 | 3.0 |
| **Alternative 2** | 7.0 | 3.0 | 4.0 | 5.0 | 2.0 |
| **Alternative 3** | 8.0 | 6.0 | 7.0 | 6.0 | 7.0 |
| **Alternative 4** | 4.0 | 7.0 | 4.0 | 5.0 | 3.0 |
| **Alternative 5** | 2.0 | 3.0 | 2.0 | 9.0 | 8.0 |
| **Alternative 6** | 4.0 | 3.0 | 8.0 | 1.0 | 2.0 |

Table de concordance:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **--------** | **Alternative 1** | **Alternative 2** | **Alternative 3** | **Alternative 4** | **Alternative 5** | **Alternative 6** |
| **Alternative 1** | 1.0 | 0.47 | 0.13 | 0.6 | 0.4 | 0.87 |
| **Alternative 2** | 0.53 | 1.0 | 0.0 | 0.67 | 0.4 | 0.87 |
| **Alternative 3** | 1.0 | 1.0 | 1.0 | 0.93 | 0.4 | 0.87 |
| **Alternative 4** | 0.87 | 0.8 | 0.07 | 1.0 | 0.4 | 0.87 |
| **Alternative 5** | 0.6 | 0.67 | 0.6 | 0.6 | 1.0 | 0.67 |
| **Alternative 6** | 0.33 | 0.47 | 0.13 | 0.33 | 0.4 | 1.0 |

Table de discordance:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **--------** | **Alternative 1** | **Alternative 2** | **Alternative 3** | **Alternative 4** | **Alternative 5** | **Alternative 6** |
| **Alternative 1** | 0.0 | 0.38 | 0.5 | 0.25 | 0.62 | 0.12 |
| **Alternative 2** | 0.38 | 0.0 | 0.62 | 0.5 | 0.75 | 0.5 |
| **Alternative 3** | 0.0 | 0.0 | 0.0 | 0.12 | 0.38 | 0.12 |
| **Alternative 4** | 0.38 | 0.38 | 0.5 | 0.0 | 0.62 | 0.5 |
| **Alternative 5** | 0.62 | 0.62 | 0.75 | 0.5 | 0.0 | 0.75 |
| **Alternative 6** | 0.38 | 0.5 | 0.62 | 0.5 | 1.0 | 0.0 |

Table de surclassement S:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **--------** | **Alternative 1** | **Alternative 2** | **Alternative 3** | **Alternative 4** | **Alternative 5** | **Alternative 6** |
| **Alternative 1** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| **Alternative 2** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| **Alternative 3** | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 |
| **Alternative 4** | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| **Alternative 5** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **Alternative 6** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Table de surclassement W:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **--------** | **Alternative 1** | **Alternative 2** | **Alternative 3** | **Alternative 4** | **Alternative 5** | **Alternative 6** |
| **Alternative 1** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| **Alternative 2** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| **Alternative 3** | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 |
| **Alternative 4** | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| **Alternative 5** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **Alternative 6** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

L'ordre D:  
**Alternative 3, Alternative 4, (Alternative 1, Alternative 2), (Alternative 5, Alternative 6).**  
  
L'ordre A:  
**(Alternative 3, Alternative 5), Alternative 4, (Alternative 1, Alternative 2), Alternative 6.**  
  
L'ordre M:  
**Alternative 1, Alternative 2, Alternative 3, Alternative 4, Alternative 5, Alternative 6.**  
  
Table de l'ordre P:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **--------** | **Alternative 1** | **Alternative 2** | **Alternative 3** | **Alternative 4** | **Alternative 5** | **Alternative 6** |
| **Alternative 1** | - | I | P- | P- | R | P+ |
| **Alternative 2** | I | - | P- | P- | R | P+ |
| **Alternative 3** | P+ | P+ | - | P+ | P+ | P+ |
| **Alternative 4** | P+ | P+ | P- | - | R | P+ |
| **Alternative 5** | R | R | P- | R | - | P+ |
| **Alternative 6** | P- | P- | P- | P- | P- | - |

Représentation graphique du résultat: