Les données du projet: Projet n°1

Méthode: Electre I  
Nombre d'alternatives: 5  
Nombre de critères: 4  
  
Paramètres de la méthode:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **--------** | **Critère 1** | **Critère 2** | **Critère 3** | **Critère 4** |
| **poids** | 30.0 | 20.0 | 40.0 | 10.0 |

Performances des alternatives:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **--------** | **Critère 1** | **Critère 2** | **Critère 3** | **Critère 4** |
| **Alternative 1** | 12.0 | 9.0 | 10.0 | 18.0 |
| **Alternative 2** | 8.0 | 7.0 | 18.0 | 17.0 |
| **Alternative 3** | 15.0 | 12.0 | 7.0 | 8.0 |
| **Alternative 4** | 7.0 | 12.0 | 16.0 | 13.0 |
| **Alternative 5** | 3.0 | 9.0 | 12.0 | 6.0 |

Table de concordance:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **--------** | **Alternative 1** | **Alternative 2** | **Alternative 3** | **Alternative 4** | **Alternative 5** |
| **Alternative 1** | 1.0 | 0.6 | 0.5 | 0.4 | 0.6 |
| **Alternative 2** | 0.4 | 1.0 | 0.5 | 0.8 | 0.8 |
| **Alternative 3** | 0.5 | 0.5 | 1.0 | 0.5 | 0.6 |
| **Alternative 4** | 0.6 | 0.2 | 0.7 | 1.0 | 1.0 |
| **Alternative 5** | 0.6 | 0.2 | 0.4 | 0.0 | 1.0 |

Table de discordance:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **--------** | **Alternative 1** | **Alternative 2** | **Alternative 3** | **Alternative 4** | **Alternative 5** |
| **Alternative 1** | 0.0 | 0.67 | 0.25 | 0.5 | 0.17 |
| **Alternative 2** | 0.33 | 0.0 | 0.58 | 0.42 | 0.17 |
| **Alternative 3** | 0.83 | 0.92 | 0.0 | 0.75 | 0.42 |
| **Alternative 4** | 0.42 | 0.33 | 0.67 | 0.0 | 0.0 |
| **Alternative 5** | 1.0 | 0.92 | 1.0 | 0.58 | 0.0 |

Table de surclassement:

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

Les éléments du noyau:  
**Alternative 1, Alternative 2, Alternative 3.**  
  
  
Les alternatives surclassées:  
**Alternative 4, Alternative 5.**