

|                                      | <b>O1</b>         | <b>O2</b>           | <b>O3</b>        | <b>O4</b>                |
|--------------------------------------|-------------------|---------------------|------------------|--------------------------|
|                                      | Velká<br>poptávka | Střední<br>poptávka | Malá<br>poptávka | Zanedbatelná<br>poptávka |
| <b>Alternativa</b>                   |                   |                     |                  |                          |
| Doplnění algoritmu MPR-II            | 3                 | 4                   | 2                | 1                        |
| Jednoduchá varianta                  | 10                | 11                  | 12               | 2                        |
| Komplexní varianta                   | 12                | 13                  | 7                | 3                        |
| <b>Komplexní varianta + projekty</b> | 14                | 4                   | 5                | 1                        |

Optimista/pesimista = 0,8 = alfa

$P = \max\{\text{alfa} \cdot a_i + (1 - \text{ALFA}) \cdot b_i\}$

0.2

0.8

| Max | Min | alfa*a1 | (1-alfa)*bi | P    | LP   |
|-----|-----|---------|-------------|------|------|
| a   | b   |         |             |      |      |
| 4   | 1   | 3.2     | 0.2         | 3.4  | 2.5  |
| 12  | 2   | 9.6     | 0.4         | 10   | 8.75 |
| 13  | 3   | 10.4    | 0.6         | 11   | 8.75 |
| 14  | 1   | 11.2    | 0.2         | 11.4 | 6    |