

Approach to the Formation of Expert Evaluation Results by the Weighted Sum Method

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Citation: Korneeva V.M., Barzov A.A., Sysoev P.N., Korneev I.S. Approach to the Formation of Expert Evaluation Results by the Weighted Sum Method, *Kompetentnost' / Competency (Russia)*, 2025, no. 10, pp. 36–40. DOI: 10.24412/1993-8780-2025-10-36-40

key words

expert evaluation, weighted sum, influence coefficient, innovation, expert-evaluation criteria

A probabilistic modification of the procedure of processing the results of expert evaluation by the known weighted sum method is proposed. The possibility of functional and probabilistic interpretation of influence coefficients in this method is shown, which essentially increases the flexibility of its use, especially for difficultly formalized objects of evaluation. On the example of predictive qualification of innovations at the early stages of their life cycle the procedure of probabilistic determination of influence coefficients of expert-evaluation criteria of their quality is implemented. The prospects for the development of the proposed approach are outlined, in particular, through its application in computerized expertise systems using the multi-functional potential of artificial creative intelligence.

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НОВАЯ КНИГА

Мерецков О.В., Мансуров Т.Т.

Техническое регулирование сквозных цифровых технологий в Российской Федерации

Учебно-методическое пособие. — М.: АСМС, 2024

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