
Representation of results of particle size analysis —

Part 4: Characterization of a classification process

AMENDMENT 1: Additional explanations and minor corrections

Représentation de données obtenues par analyse granulométrique —

Partie 4: Caractérisation d'un processus de triage

AMENDEMENT 1: Explications supplémentaires et corrections mineures





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Representation of results of particle size analysis —

Part 4:

Characterization of a classification process

AMENDMENT 1: Additional explanations and minor corrections

Whole document

Replace “density distribution” with “distribution density”.

2.1 Symbols for specific terms, Table 1

Add “, Partial classification efficiency” after “Grade efficiency” in the Term column for the symbol T .

In the last line, replace the symbol ϕ with φ .

3.2.1 Mass and number balance in the size range from $x_{\min}$ to $x_{\max}$

Add the following paragraph above the last paragraph:

The relative amounts are mass ratios $v_{3,f} = m_f/m_s$, $v_{3,c} = m_c/m_s$ or number ratios $v_{0,f} = n_f/n_s$, $v_{0,c} = n_c/n_s$.

3.3.2 The equiprobable cut size, x_e , the median of the grade efficiency curve

In the last sentence of the first paragraph, delete the word “weighed” before the word “feed”.

3.5.3 Parameters derived from cumulative distribution curves

In the first sentence of the first paragraph, replace $Q_{r,0}(x)$ with $Q_{r,s}(x)$.

A.1 General

In the first sentence of the first paragraph, replace “clause 4” with “Clause 3”.

In the fourth paragraph, add “by Herrmann and Leschonski^[5]” before “in Figure A.1”.

A.3 The evaluation of the grade efficiency curve, $T(x)$, from erroneous cumulative size distribution

In Formulae A.11 and A.12, replace the minus (–) sign with a plus (+) sign.

Replace formula number (13) with (A.13).

Bibliography

Replace Reference [2] with the following and delete the footnote:

[2] ISO 9276-2:2014, *Representation of results of particle size analysis — Part 2: Calculation of average particle sizes/diameters and moments from particle size distributions*

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