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MODEL MECHANIC APPROACH OF " DIVIDED MASS IN n BAR" FOR THE CALCULUS OF VIBRATION AMPLITUDE OF BALL MILLS

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Abstract: The comminuting effect of vibrating tube mills is dependent on large number of different parameters. This often leads to sizing and specification of operational condition being established almost exclusively on experiment basis .Hence this paper is to demonstrate how is possible, by simple mechanic approach for the movement of grinding elements in vibrating tube mills, to determine vibration amplitude of the grinding tube mill in relation of the volume of the grinding chamber and the filling ratio of grinding elements , and the influence of the vibration amplitude of the grinding tube , the volume of the grinding chamber and the filling ratio of grinding elements.
Key words: operating range, grinding elements, vibrating amplitude