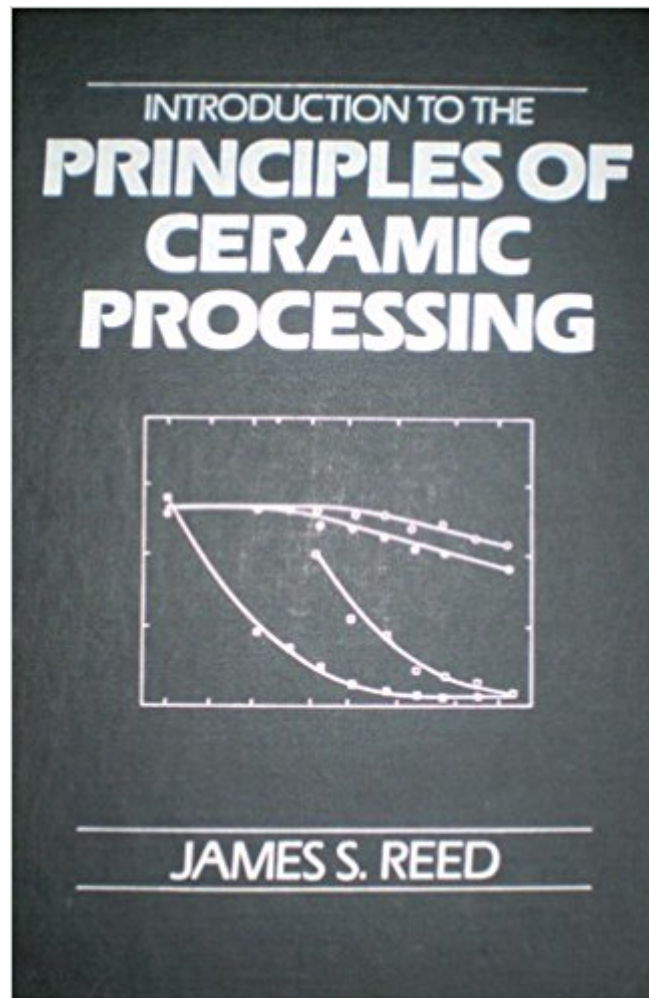




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Introduction To The Principles Of Ceramic Processing



Synopsis

Here is the first multidisciplinary overview of the scientific principles and engineering technology involved in processing ceramic powders and granular materials into fired ceramic products. It presents a systematic development of the chemistry underlying modern materials, such as glass, porcelain, enamels, abrasives, and refractories. Explains their characterization and specification, selection of processing additives, testing requirements, causes and prevention of product defects, and all other areas of development. Each process involved in producing ceramic products is clearly detailed; these include packing, mixing, separation, granulation, forming and molding, drying, finishing, and much more.

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