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Sintering practice is diverse due to the range of materials, applications, and technical goals. Cost is a major factor in determining the way that a component is sintered. A first concern is always with delivering the desired properties in the specified component shape, but the second concern is always cost.

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complex diffusion or viscous flow mechanisms to a simple geometry or as complex evolution of microstructure with simple diffusion mechanisms. For example, the bulk modulus can be obtained from the solution of

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The International Institute for Science of Sintering has fulfilled its historic mission of bringing together the knowledge of scientists from the West and the East in sintering discipline. One of the greatest contributions to the development of the theory and practice of sintering on the Eastern side was made by

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representatives of scientific institutes and universities located on the territory of today's Ukraine.

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