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Opto-Mechanical Systems
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Yoder, Daniel Vukobratovich,
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voiced his conviction on
this matter way back in 1943
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with the words, "In the design of any optical instrument, optical and mechanical considerations are not separate entities to be dealt with by different individuals but are merely two phases of a single problem."1

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Optomechanical design is the sub-discipline of optical engineering in which optics such as lenses, mirrors, and prisms are integrated into mechanical structures (cells, housings, trusses, etc.) so as to form an optical instrument.

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Tutorials in Optomechanics K. M. Schwertz and J. H. Burge, Field Guide to Optomechanical Design and Analysis, (SPIE Press, 2012): Will be handed out on CD. Vukobratovich, D. and S. Introduction to Opto-Mechanical Design . Will be handed out on CD.

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