

ENGLISH SUMMARY

EQUILIBRIUM EQUATIONS FOR SIMPLE FUNDAMENTAL STRUCTURAL MODELS - part II PLATE STRUCTURES

Juha Paavola and Eero-Matti Salonen

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In this series of papers, the analysis of various fundamental structural models is considered paying attention to educational purposes, particularly. The expressions for strains are derived by utilizing a local Cartesian coordinate system. The equilibrium equations are derived by applying the principle of virtual work. In this part the program presented is applied to plate structures. Some mathematical tools needed are discussed rather thoroughly.