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Sag-Tension calculation methods for overhead lines

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Abstracts

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----- This brochure identifies and describes the most essential elements of the sag-tension calculation process and the various mathematical and experimental methods used to predict sag and tension of catenaries over the whole range of conductor temperatures and ice and wind loads: the goal is not to develop a unique calculation method but to provide the engineers with a basic explanation of the sag-tension calculation methods that are in common use throughout the world and with a physical understanding of the processes and mathematical relationships that underlie these methods.