

1.1.29. INNOVATIVE MAGNETO-INDUCTIVE SYSTEMS FOR METALLIC ROPES

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In this paper a survey on different system for the magneto inductive control of metallic ropes is presented. The fields of application regards cableway, cranes and elevators. After a brief introduction regarding the Magneto Inductive technique applied to the non destructive testing of metallic ropes, in the first part paper are presented the structures of detectors for different field of applications, together with their magnetic characteristics. Finally, the second part deals with the performance of the different detectors.