# THERMAL CONTROL AT CRYOGENIC TEMPERATURES OF LARGE TELESCOPE SYSTEMS FOR SPACE MISSIONS

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ABSTRACT:
The astronomical science community has made recommendations for the nation's science priorities in astronomy and astrophysics, including a number of new initiatives for observing the universe requiring large cold space bourne apertures. In response, NASA has strategic plans to bring about missions to accomplish these scientific objectives. We report on our study of the requirements, possible approaches, and the challenges therein to realize the cryogenic thermal control systems necessary for these future missions.

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