

SYMPOSIUM No. 58

THE FORMATION AND
DYNAMICS OF GALAXIES

SYMPOSIUM No. 59

STELLAR INSTABILITY
AND EVOLUTION

SYMPOSIUM No. 60

GALACTIC
RADIO ASTRONOMY

SYMPOSIUM No. 61

NEW PROBLEMS IN
ASTROMETRY

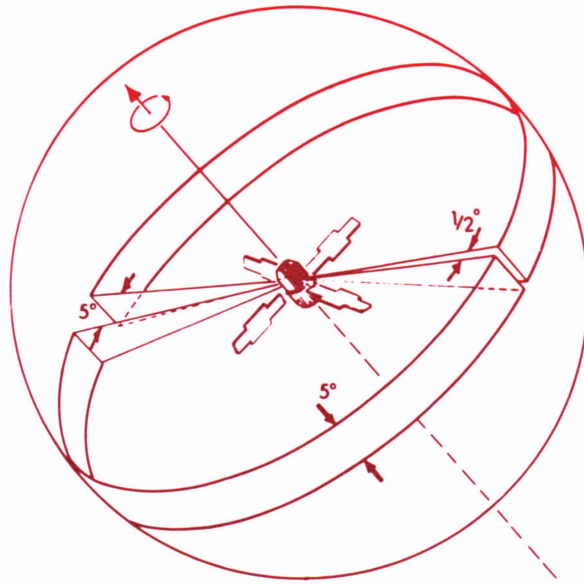
SYMPOSIUM No. 62

THE STABILITY OF THE
SOLAR SYSTEM AND OF
SMALL STELLAR SYSTEMS

SYMPOSIUM No. 63

CONFRONTATION OF
COSMOLOGICAL THEORIES
WITH OBSERVATION DATA

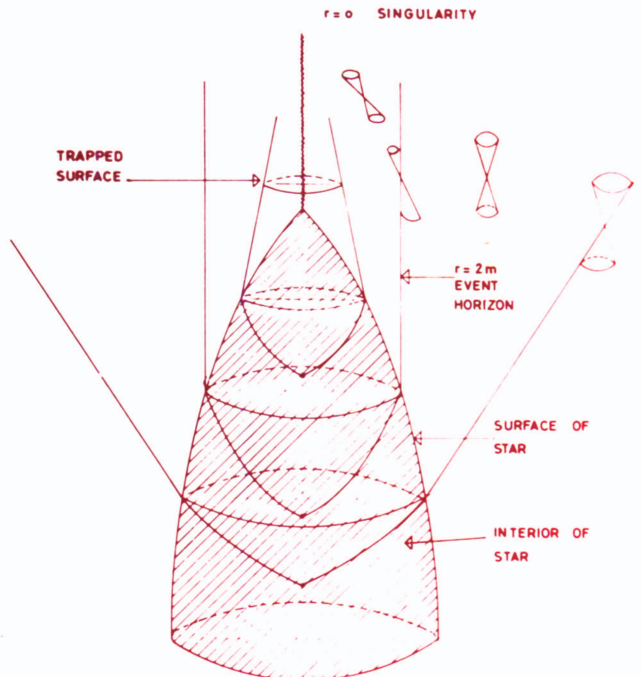
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Above: Uhuru X-ray detector.

Opposite: A black hole thought of as the collapse of a star leading to the formation of trapped surfaces, event horizon and spacetime singularity.

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Front cover: Simultaneous X-ray-radio variability of Cyg X-1 suggesting the existence of a black hole.