time to accomplish finite task.

(3) Problem g(2) above.-Since this model also must have a bounce at big bang.

i. At present, only Lemaitre's no-bounce big-bang model (suitably updated; a creation model) fits the data without assuming the existence of unknown, specialized forces to solve these problems. [Jastrow 19-38; Ross gives an excellent up-to-date treatment]
-Naturally Lemaitre's view must be updated to deal with additional scientific knowledge since 1930s.
-But impressive that theory (which was probably partly based on Genesis) has shot down its opponents.

j. Current anti-theistic forces in cosmological controversy are looking at universes which pop into existence without a cause! [See Hawking & Ross, below, and my IBRI RR #15]

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## SLIDE TALK: THE ORIGIN OF THE UNIVERSE

## ANCIENT COSMOLOGIES:

Hindu-Vedic Hymn of Creation (Rigveda 10.129) - mostly questions, few answers; who knows what happened? Babylonian Creation Epic (Enuma Elish) - god Marduk makes heaven and earth from split-open body of dragon-goddess Tiamat Hebrew Creation Account (Genesis 1) - eternal God brings