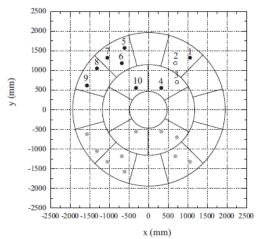
望遠鏡構造進捗状況

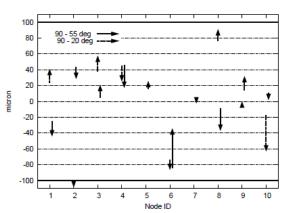
2010/9/17 栗田光樹夫 @京大

6月5日まで









SPIE

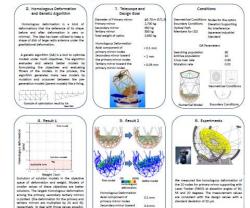
Light-weight telescope structure optimized by genetic algorithm

Mikio Kurita^a, Hiroshi Ohmori^b, Masashi Kunda^c, Hiroaki Kawamura ^d, Noriaki Noda^e, Takayuki Seki^f, Yuji Nishimura^f, Michitoshi Yoshida^{g,i}, Shuji Sato^a, and Tetsuya Nagata^b

 Society of Photo-Optical Instrumentation Engineers 光学装置学会で報告

Light-weight telescope structure optimized by genetic algorithm

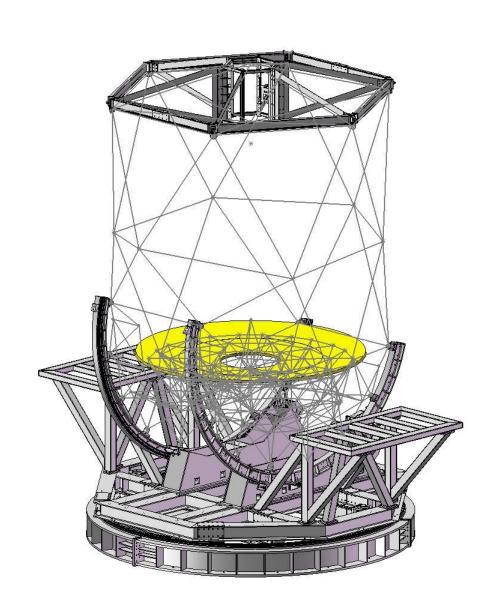
We optimized the optics supporting structure (OSS) of a 3.8 m segmented mirror bisecope by a newly developed program incorporating a general appoint the bisecope employs. B) peak larged segmented instruction. The whole mirror is exported by 54 actuators, 03 actuators per each). The program generates new CSSs which makes both light-weight structure and hornidopous contractions of the contraction of the contrac



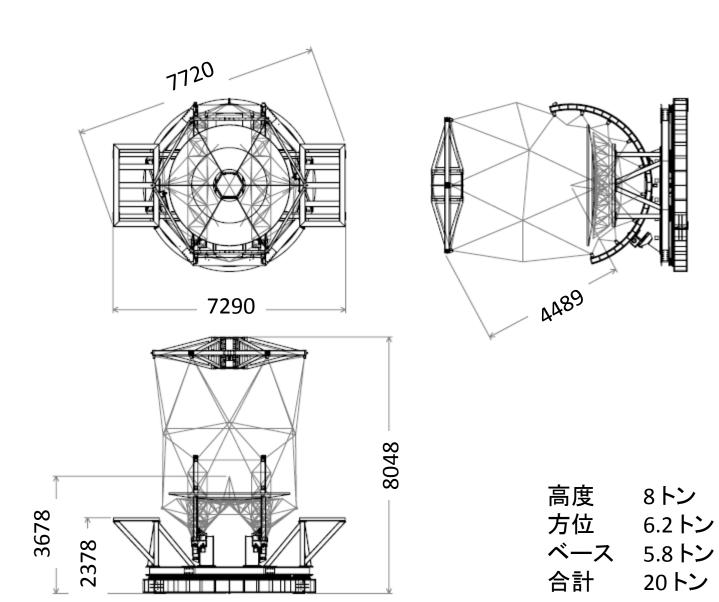




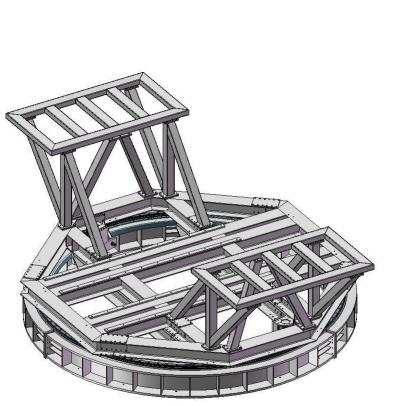
方位軸の設計

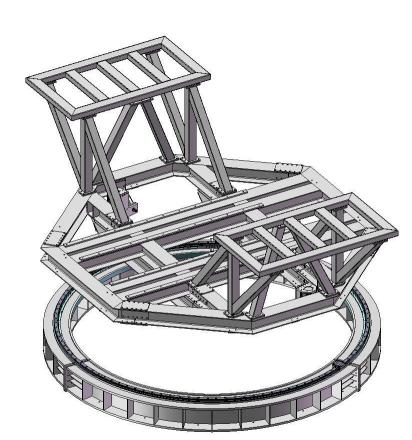


方位軸の設計

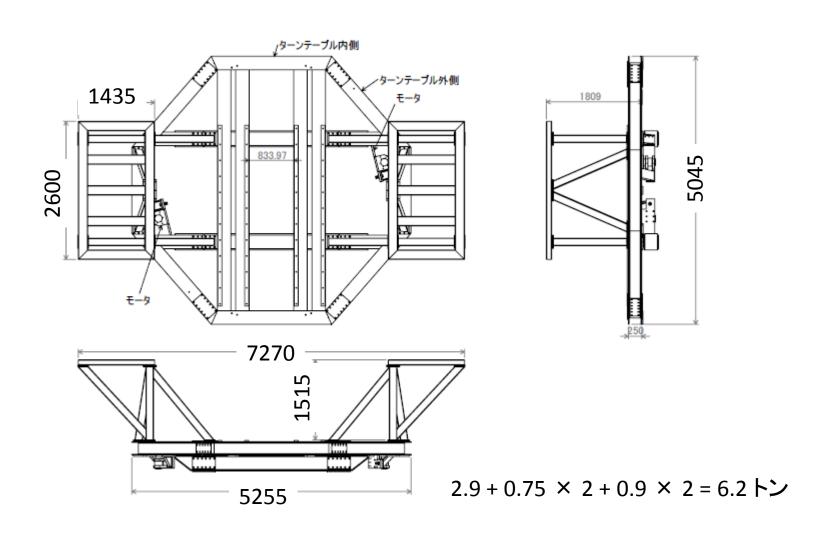


方位構造の設計

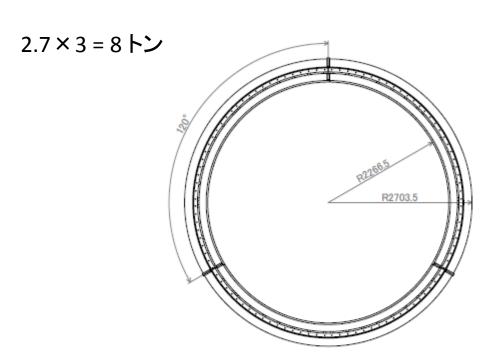




方位回転部









ナスミス台

