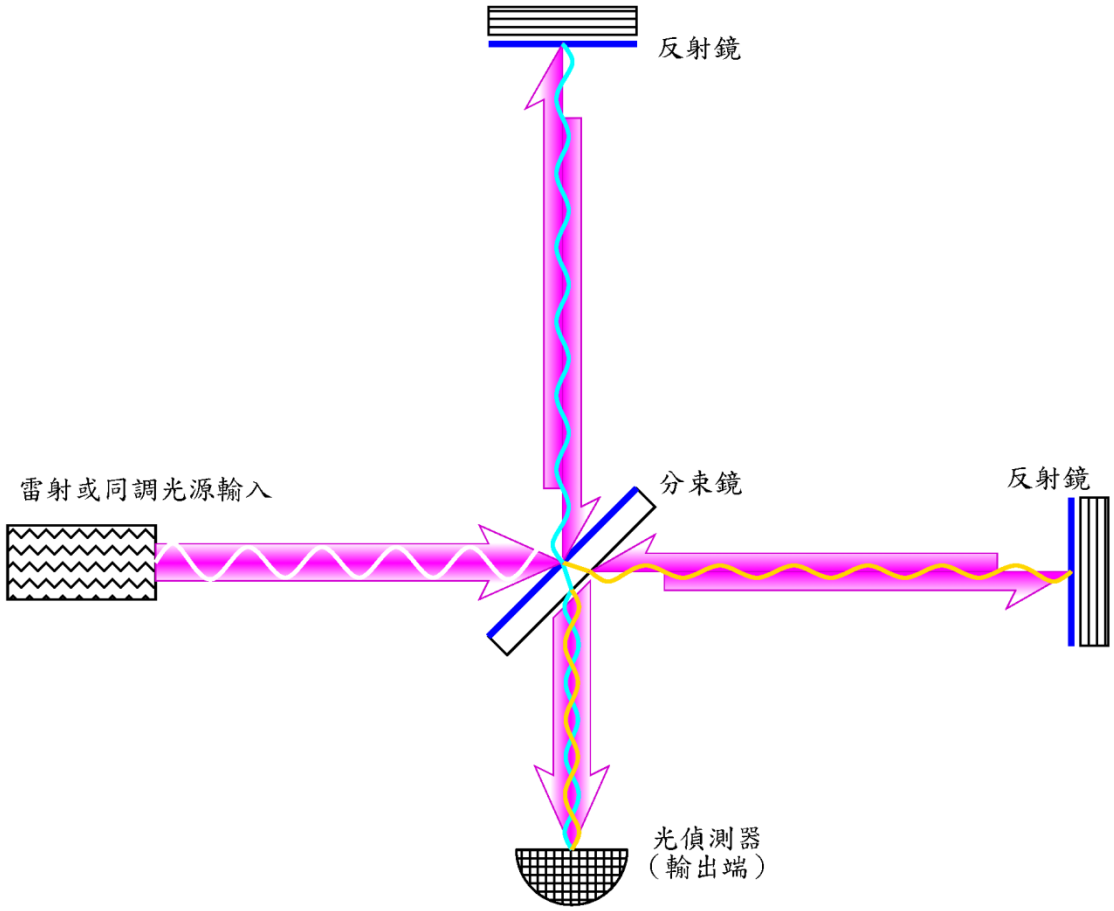
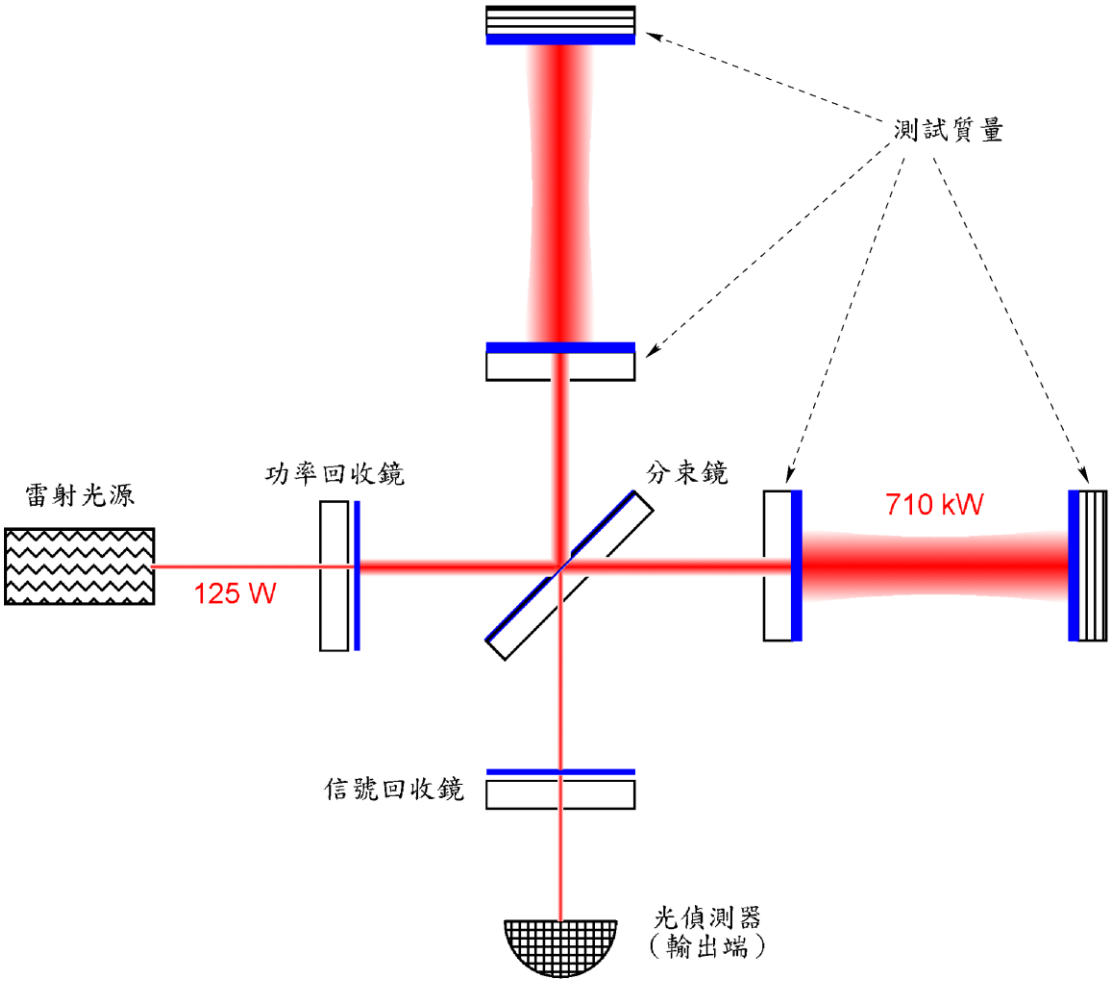
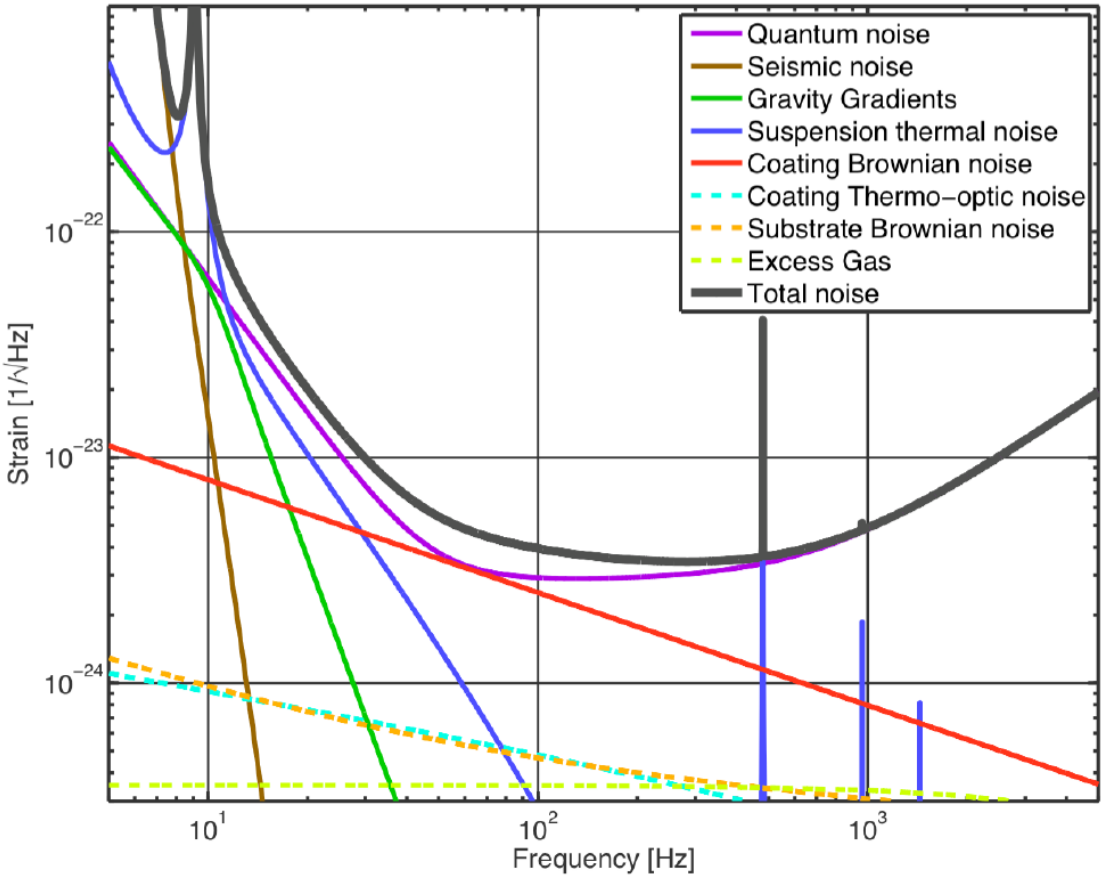


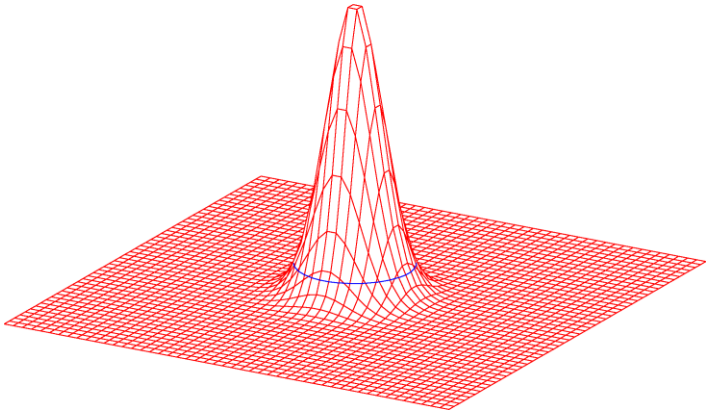
圖一：邁克生干涉儀

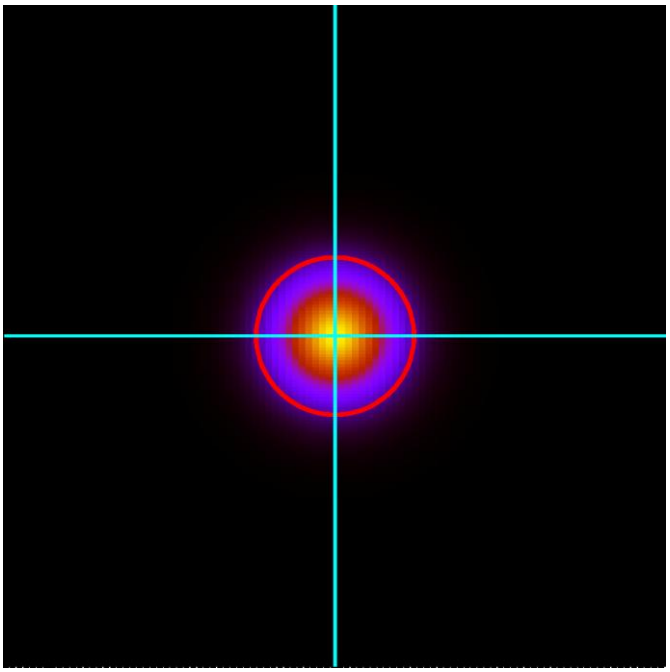


圖二：LIGO 干涉儀主要架構

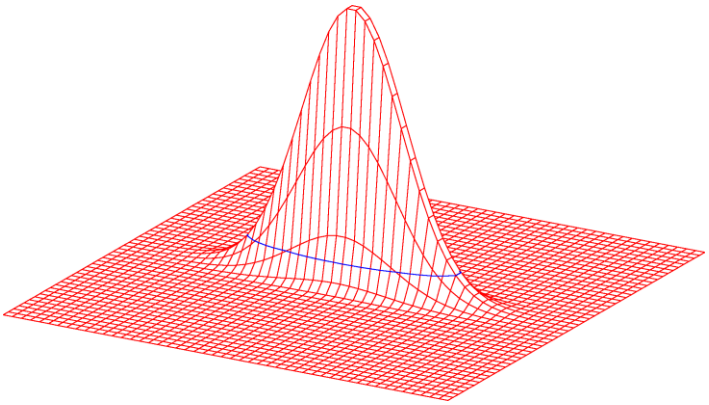


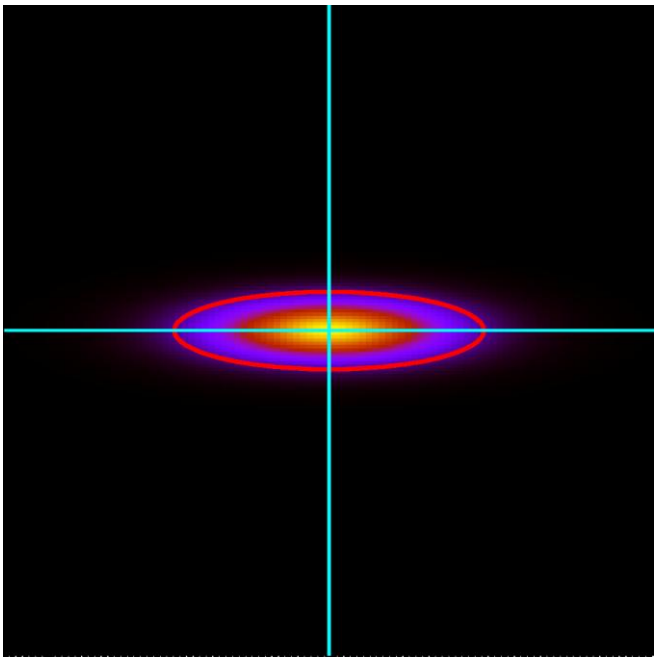
圖三：aLIGO 干涉儀主要雜訊。《LIGO 儀器科學白皮書》依照重力波干涉儀雜訊計算機（GWINC）工具程式估算的結果。





圖四 a：量子簡諧運動基態的相空間（phase space）圖示。量子化的電磁場真空也顯現相同的量子起伏特性。





圖四 b：緊挾基態（或真空緊挾態）的相空間圖示。在某些特定相位方向的量子起伏可能比真空還要小。但是，整體仍然滿足測不準原理。