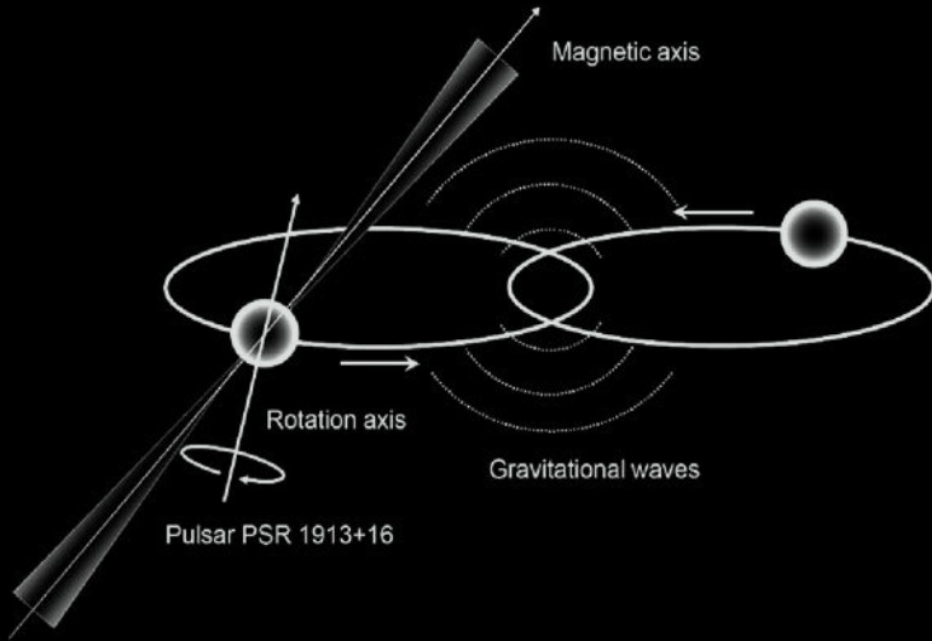
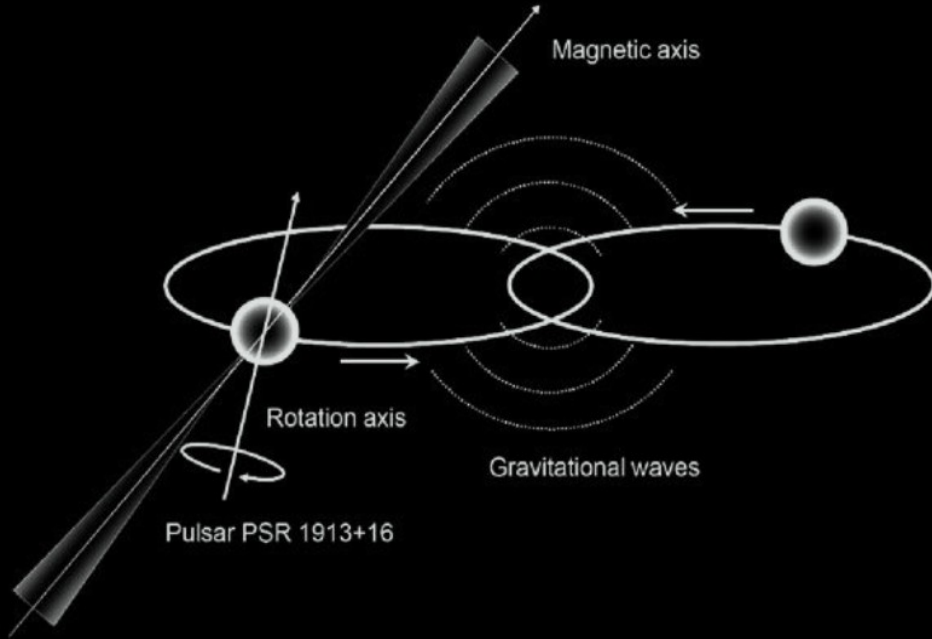


Binary Pulsar

PSR B1913+16

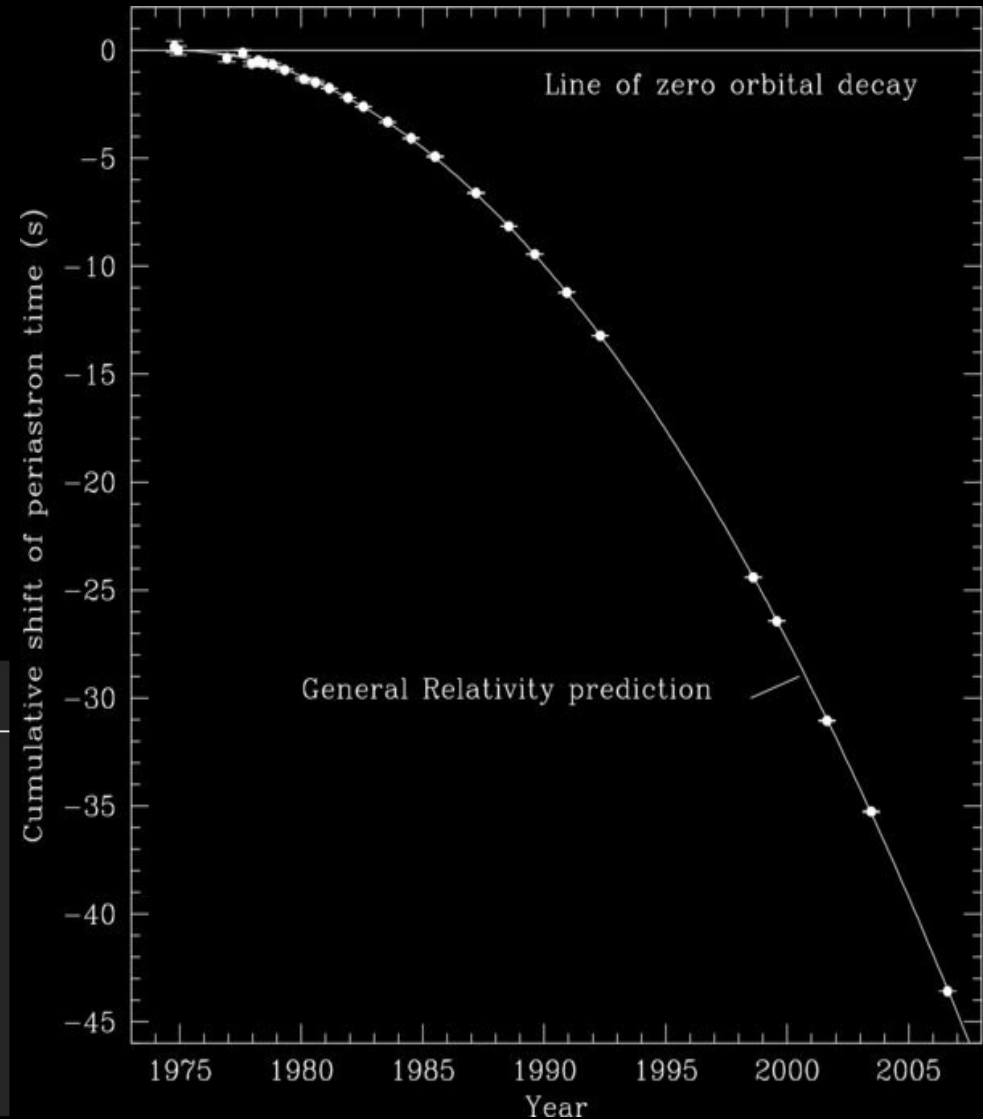
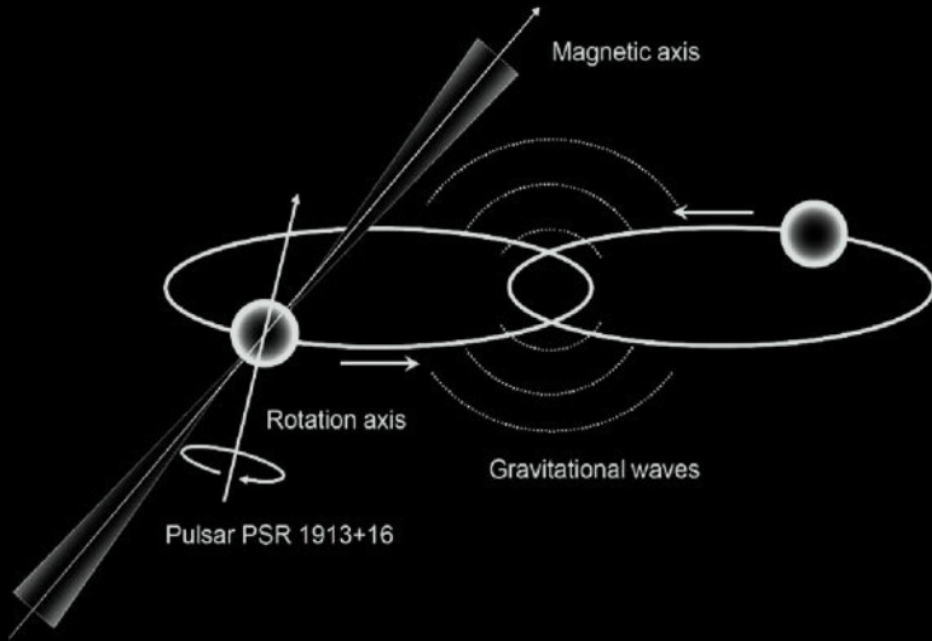


PSR B1913+16



Pulsar	PSR J0737–3039A	PSR J0737–3039B
Spin frequency (Hz)	44.054069392744(2)	0.36056035506(1)
Spin frequency derivative (s^{-2})	$-3.4156(1) \times 10^{-15}$	$-0.116(1) \times 10^{-15}$
Eccentricity	0.0877775(9)	0.0877775(9)
Distance (pc)	~ 500	~ 500
Characteristic age (My)	210	50
Surface magnetic flux density (T)	6.3×10^5	1.6×10^8
Spin-down luminosity (W)	5.8×10^{26}	1.6×10^{23}
Mass $M_{\odot}$	1.3381(7)	1.2489(7)

PSR B1913+16



Pulsar	PSR J0737-3039A	PSR J0737-3039B
Spin frequency (Hz)	44.054069392744(2)	0.36056035506(1)
Spin frequency derivative (s^{-2})	$-3.4156(1) \times 10^{-15}$	$-0.116(1) \times 10^{-15}$
Eccentricity	0.0877775(9)	0.0877775(9)
Distance (pc)	~ 500	~ 500
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