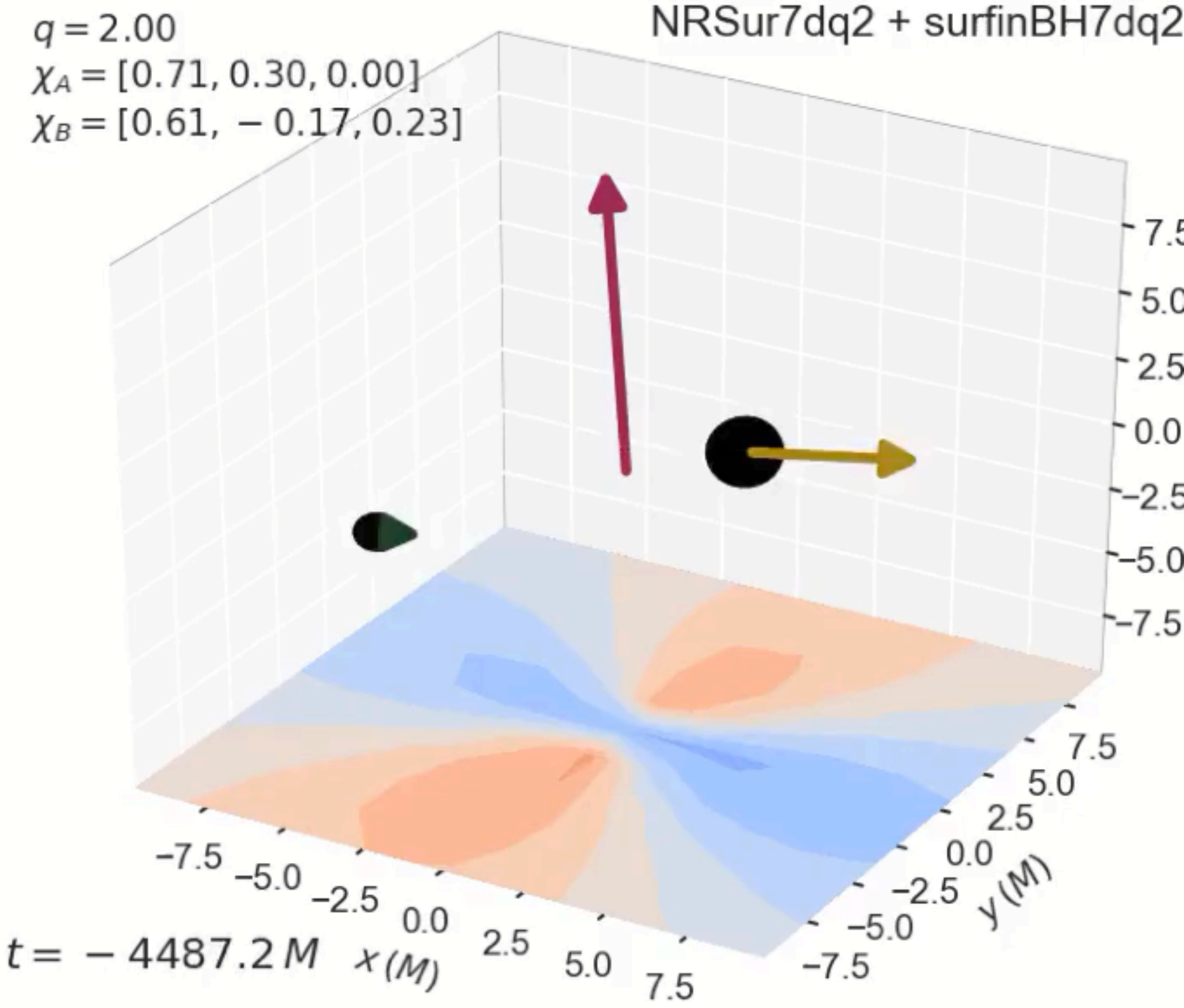
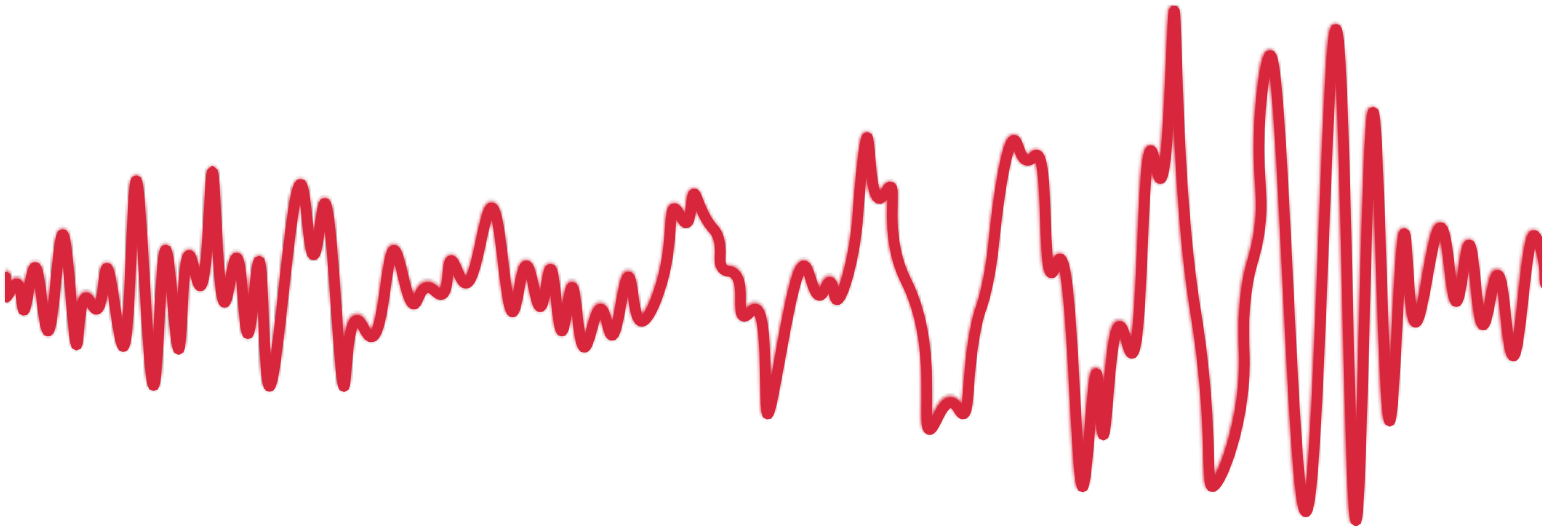
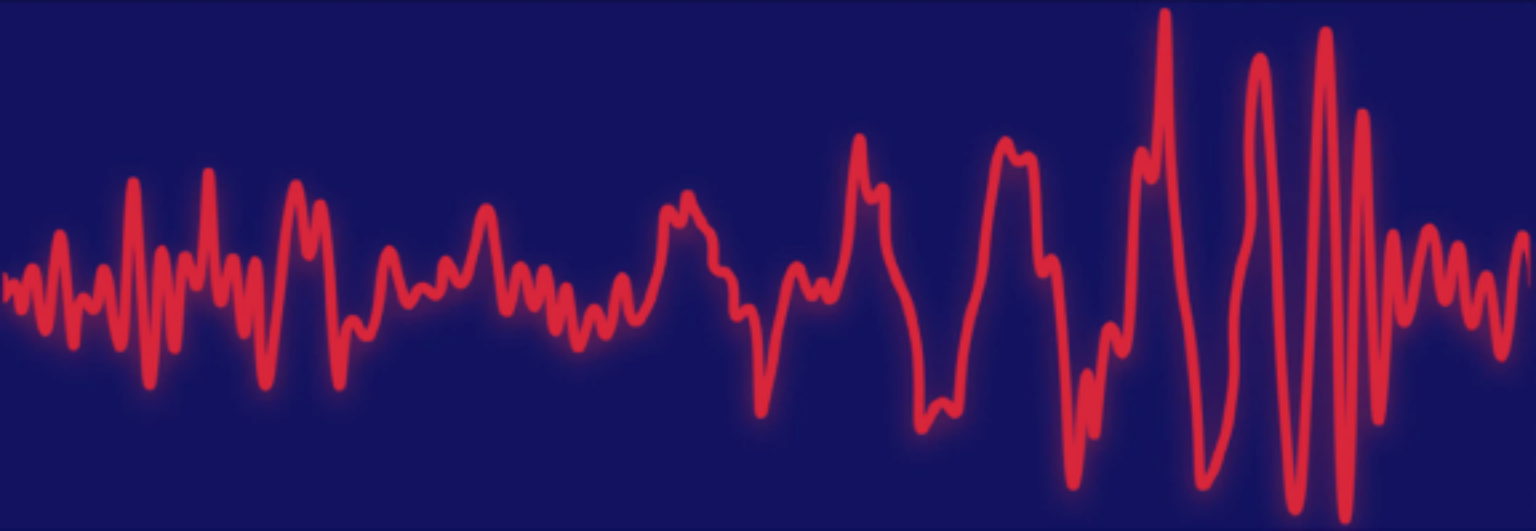

$q = 2.00$
$\chi_A = [0.71, 0.30, 0.00]$
$\chi_B = [0.61, -0.17, 0.23]$
NRSur7dq2 + surfinBH7dq2
$t = -4487.2\,M$
$x\,(M)$
$y\,(M)$
−7.5
−5.0
−2.5
0.0
2.5
5.0
7.5



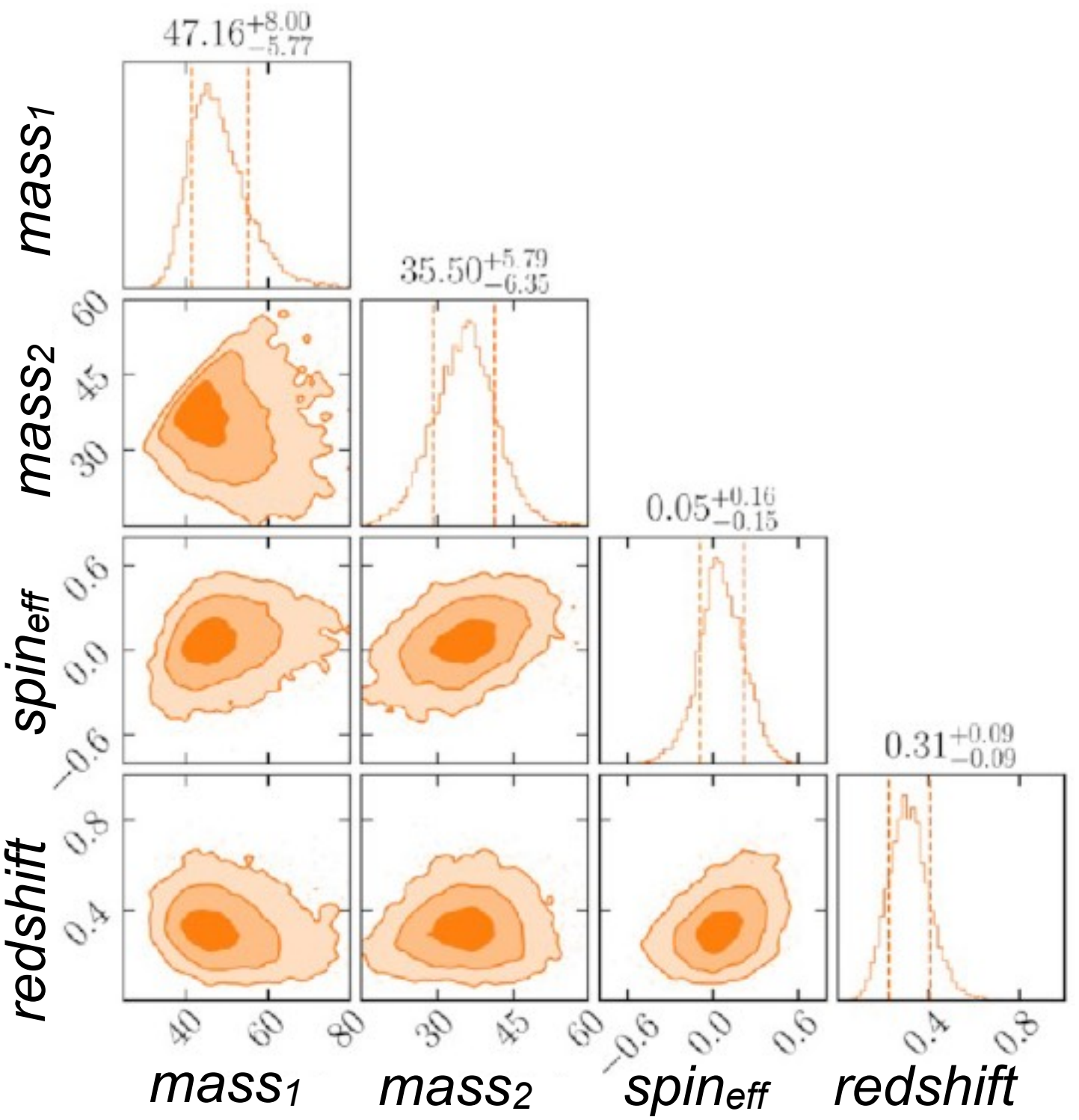


Source

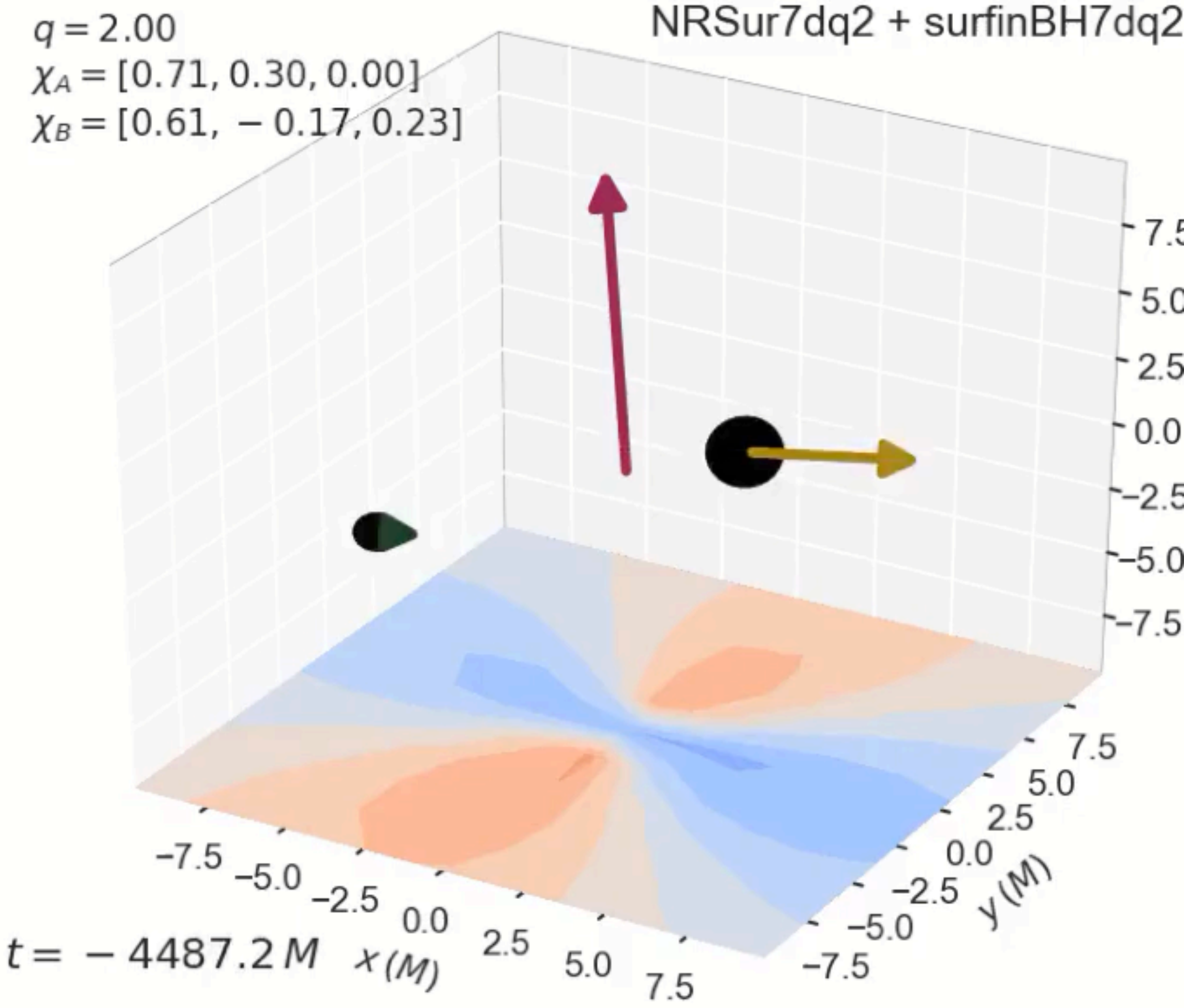
V Varma

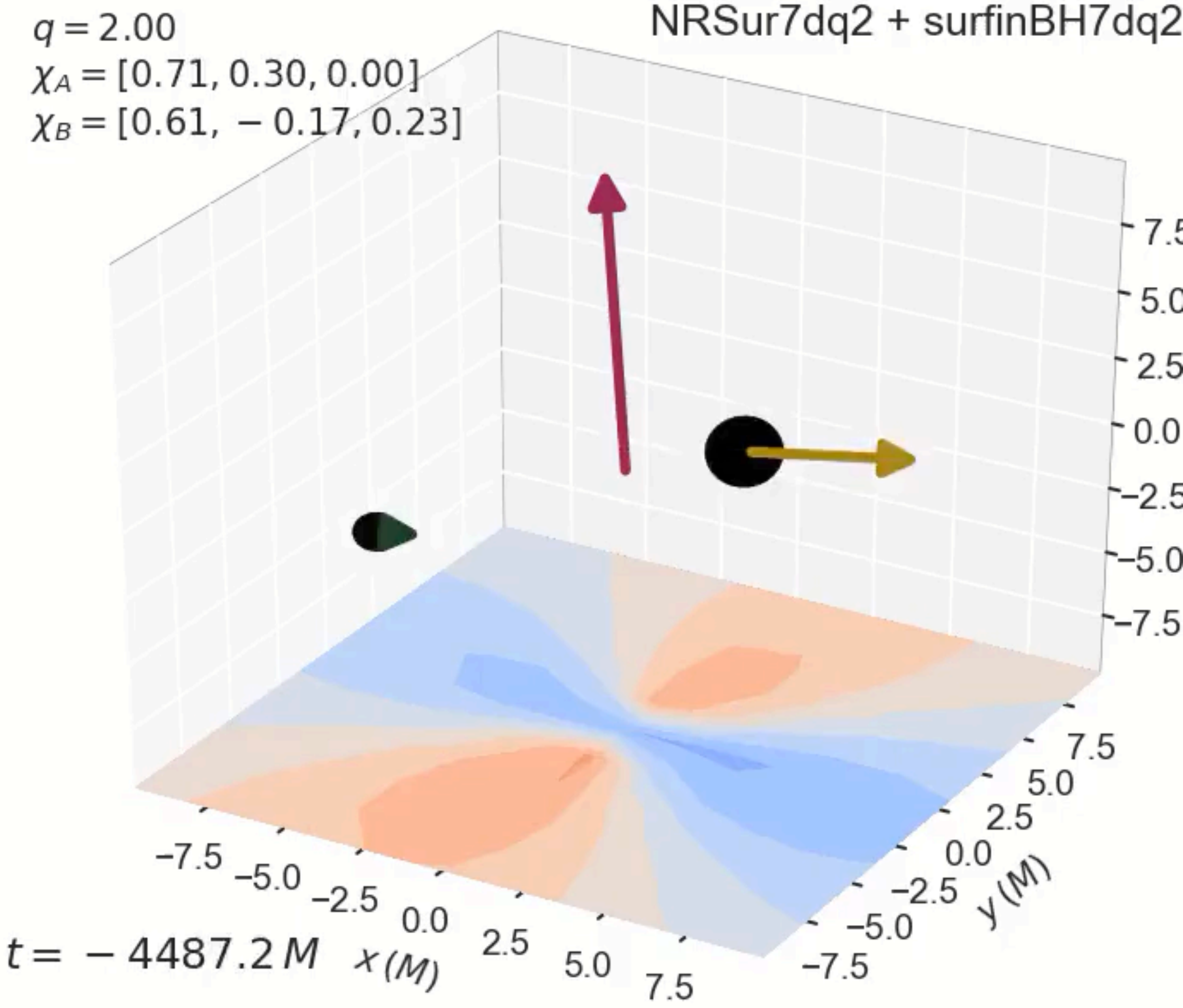
SurfinBH

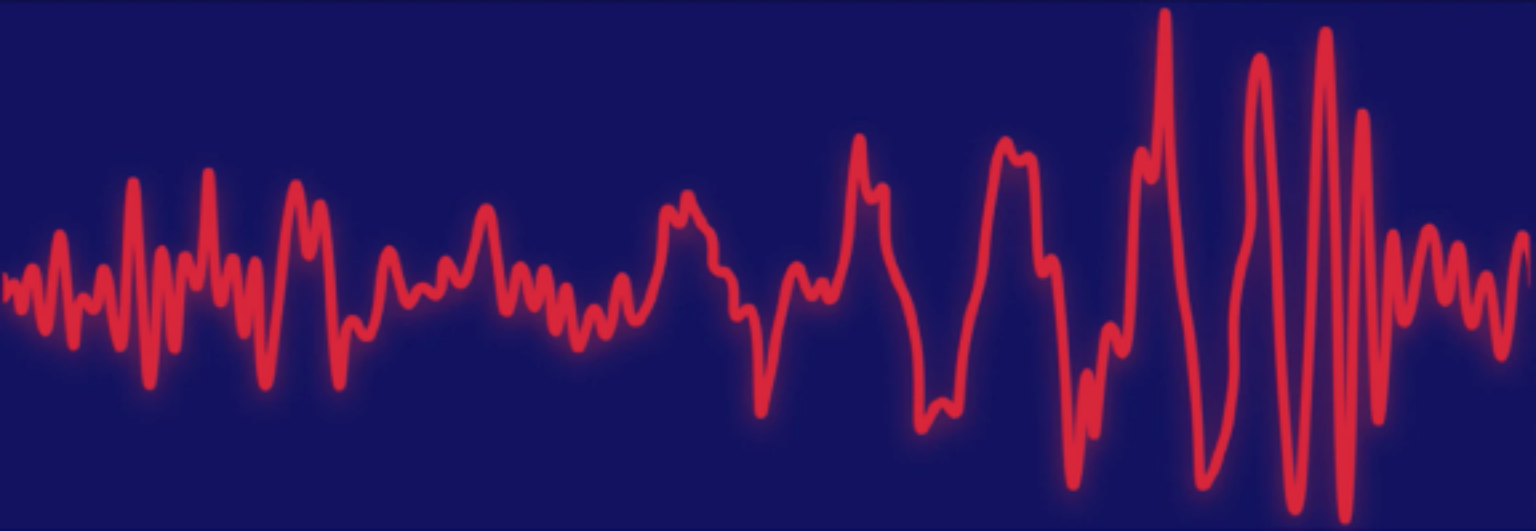
$$p(\theta \mid d) = \frac{L(d \mid \theta)\ \pi(\theta)}{Z}$$

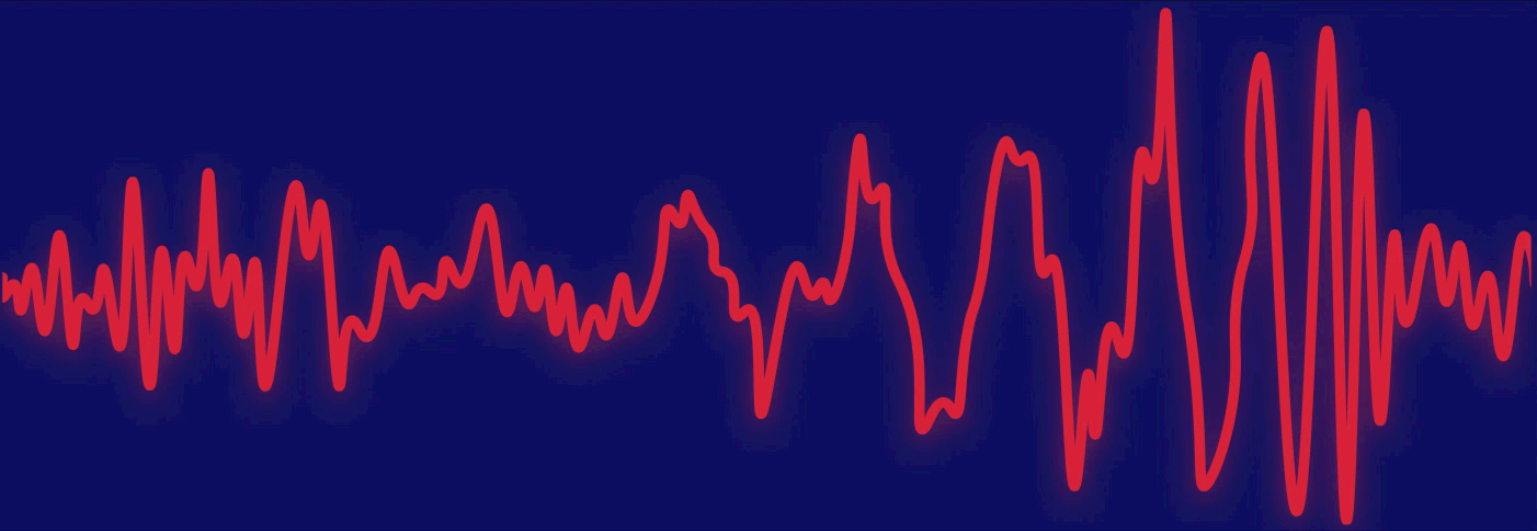


… 15 dimensions

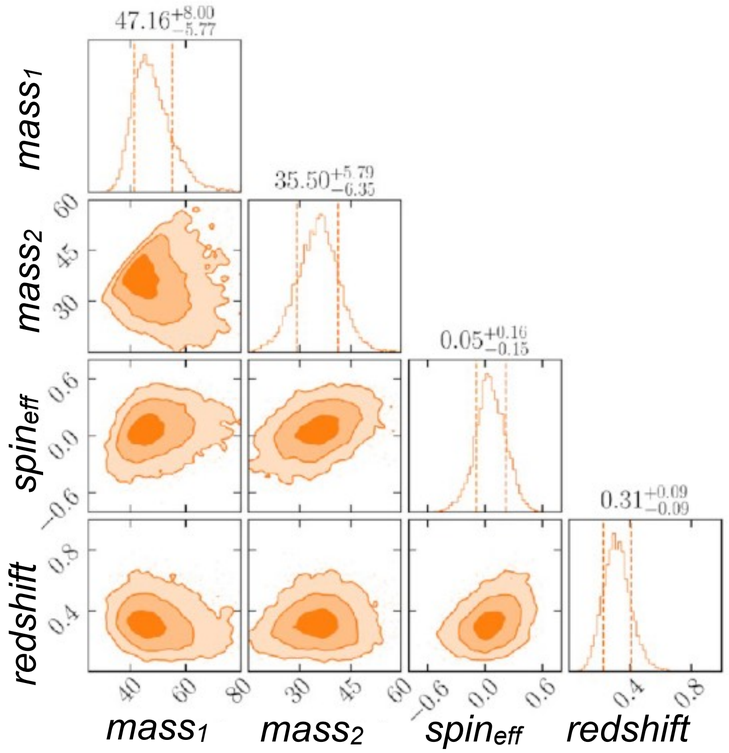

$q = 2.00$
$\chi_A = [0.71, 0.30, 0.00]$
$\chi_B = [0.61, -0.17, 0.23]$
NRSur7dq2 + surfinBH7dq2
$t = -4487.2\,M$
$x\,(M)$
$y\,(M)$
−7.5
−5.0
−2.5
0.0
2.5
5.0
7.5


$q = 2.00$
$\chi_A = [0.71, 0.30, 0.00]$
$\chi_B = [0.61, -0.17, 0.23]$
NRSur7dq2 + surfinBH7dq2
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−7.5
−5.0
−2.5
0.0
2.5
5.0
7.5
$x\,(M)$
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
$y\,(M)$
$t = -4487.2\,M$



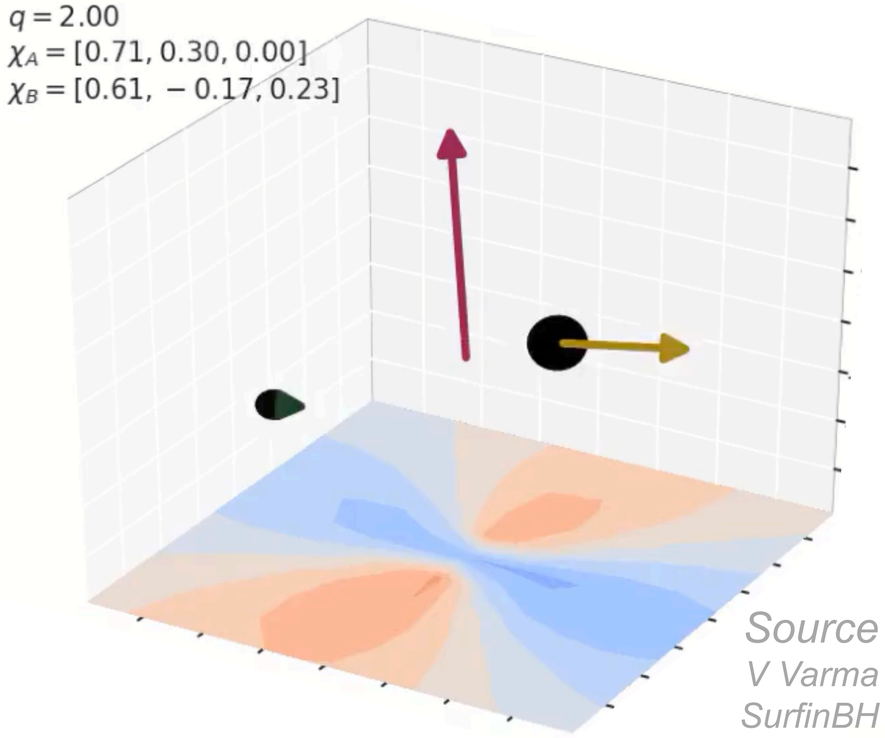


Signal Analysis



… 15 dimensions

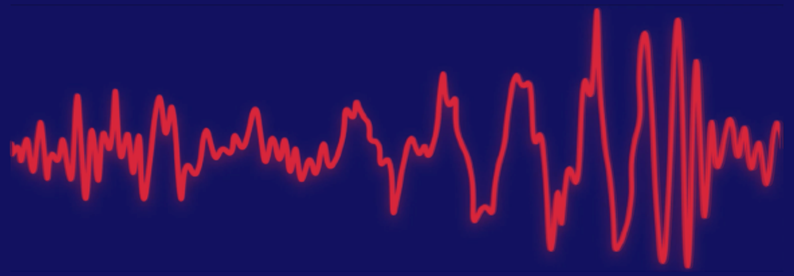
$$p(\theta \mid d) = \frac{L(d \mid \theta)\ \pi(\theta)}{Z}$$



Source
V Varma
SurfinBH

$p(\theta \mid d)$

Via dynesty
(Thanks Joshua :D)



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Forward simulation of a synthetic signal

Since 2015 we've detected $\mathcal{O}(100)$ signals