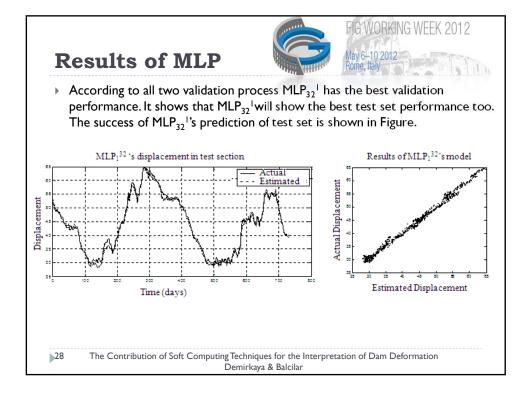


h tł d P	he secor idden lay ne numbe eteriorat roblem is alidation	ers neu er neur es.This s nearly	ons in t inform linear	mber.A he hido ation is as chos	ccordi len laye prove en inde	ng to ther ar increases that	his ana eases, t dam di	lysis it he per splacei	shows formar nent p	that w nce of I redictio	rhen MLP on
	Model	MLP ₃₂ ¹	MLP ₃₂ ²	MLP ₃₂ ³	MLP ₃₂ ⁴	MLP ₃₂ ⁵	MLP ₃₂ ⁶	MLP ₃₂ ⁷	MLP ₃₂ ⁸	MLP ₃₂ ⁹	MLP ₃₂ ¹
	moder										
R-square	Validation	0.9901	0.9900	0.9867	0.9831	0.9864	0.9881	0.9718	0.9817	0.9559	0.9750



Benchmark Worksh s synthesis report, mpetition.	-
Methods	
Methous	
MLR+ARMA	
ne MLR	
MLR+FE	
MLR+NARX	
FE+MRL+ANN	
MLR+FE	
MLR+TLM	
NP	
MLR	
	ne MLR MLR+FE MLR+NARX FE+MRL+ANN MLR+FE MLR+TLM NP

perfo	rman	ces ar ce. ML , but N	.R ₃₀ a	nd №	1LP ₃₂	per	form	tion ance	parti are c	cipan :lose	ts' to
	MLR ₃₀	MLP1 ₃₂	P1	P2	P3	P4	P5	P6	P7	P8	P9
Mean Error	0.3095	0.4073	-0.81	-0.05	-0.71	-0.14	-0.93	-0.79	-0.67	-1.02	-0.73
St.Dev.	0.8056	0.8423	1.30	1.62	1.75	1.20	1.39	1.20	1.77	2.40	1.26
R-square	0.9925	0.9912	0.983	0.974	0.969	0.986	0.980	0.985	0.968	0.942	0.98
(St. Dev.)	0.8056	0.8423	1.01	1.62	1.61	1.19	1.03	0.890	1.64	2.18	1.02
(R-square)	0.9934	0.9929	0.99	0.974	0.974	0.986	0.989	0.992	0.973	0.952	0.98

