

	$N_1^V$	$N_2^V$	$N_3^V$	$N_4^V$
$\dot{\phi}_1$	-1.000	0.953	-0.836	0.939
$\dot{\phi}_2$	0.543	-0.717	0.597	-0.474
$\dot{\phi}_3$	-0.564	0.619	-0.616	0.716
$\dot{\phi}_4$	0.637	-0.679	0.628	-0.455