

	N_1^V	N_2^V	N_3^V	N_4^V	N_5^V	N_6^V
$\dot{\phi}_1$	-0.490	0.100	0.227	-0.308	0.074	0.287
$\dot{\phi}_2$	0.428	-1.000	0.550	-0.051	-0.002	0.088
$\dot{\phi}_3$	0.134	0.391	-0.697	0.280	0.264	-0.437
$\dot{\phi}_4$	-0.449	0.061	0.343	-0.719	0.579	0.089
$\dot{\phi}_5$	0.036	0.007	-0.097	0.456	-0.786	0.329
$\dot{\phi}_6$	0.214	0.039	-0.294	0.156	0.209	-0.377