

List of coefficients

1. Jdot matrix

Name	Expression	Multiplies matrix term	Multiplies velocity variable	Index in matrix
σ_9	l_1	$c_{\alpha-\varphi_p}(\dot{\alpha} - \dot{\varphi}_p)$	$\dot{\alpha}$	1,3
		$s_{\alpha-\varphi_p}(\dot{\alpha} - \dot{\varphi}_p)$	$\dot{\alpha}$	2,3
	$-l_1$	$c_{\alpha-\varphi_p}(\dot{\alpha} - \dot{\varphi}_p)$	$\dot{\varphi}_p$	1,6
		$s_{\alpha-\varphi_p}(\dot{\alpha} - \dot{\varphi}_p)$	$\dot{\varphi}_p$	2,6
σ_{10}	$\frac{r}{2}$	$s_{\alpha-\varphi_p}(\dot{\alpha} - \dot{\varphi}_p)$	$\dot{\varphi}_r$	1,4
			$\dot{\varphi}_l$	1,5
	$-\frac{r}{2}$	$c_{\alpha-\varphi_p}(\dot{\alpha} - \dot{\varphi}_p)$	$\dot{\varphi}_r$	2,4
			$\dot{\varphi}_l$	2,5