

Contents

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Fig.5(a)	1	1-01.p	x_1	$\hat{p}_{22} + \epsilon \hat{p}_{21}$	
Fig.5(b)	2	2-01.p	x_1	$\hat{p}_{22} + \epsilon \hat{p}_{21}$	
Fig.6(a)	1	1-01.u	x_2	\hat{v}_1	
Fig.6(b)	2	2-01.u	x_2	\hat{v}_1	
*	1	t1k01.t	x_1	x_2	\hat{T}
*	2	t2k01.t	x_1	x_2	\hat{T}

* Temperature field in the $x_1 - x_2$ plane. Note that we put $\hat{T} = 1$ when $x_2 > 1 - \epsilon x_1$ because the computational domain is $x_2 < 1 - \epsilon x_1$.

The req.zip contains the solutions of the lubrication model. Files xxx.q are the stress distributions of the model corresponding to xxx.p; xxx.v are the velocity profiles corresponding to xxx.u. $\hat{T} = (\hat{T}_w)^{1/2}$ for the model.