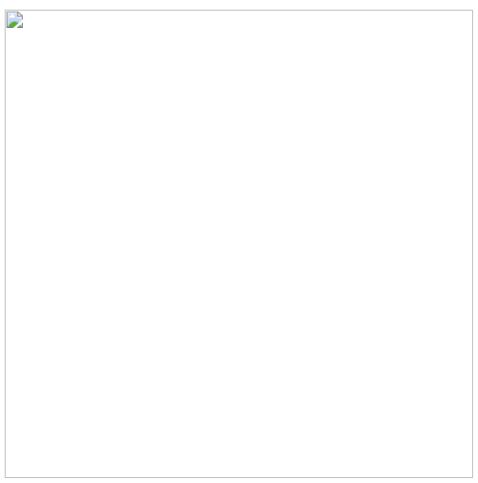
conservation finite differences 注意正应力和剪应力在交替网格上定义在不同的节点上。 for 1D incompressible Stokes equation:

-	-



错误的差分格式:



正确的:

doviatoria	atnocc	11004	in	S + alz = a	00110+	ionic	0.10.0	+hc	come	for
deviatoric	stress	useu	Т11	Stokes	equat.	TOIITS	are	ше	salle	101

deviatoric stress used in Stokes equationis are the same for node2 and node3:



so that is conserved between two nodes.

如果黏度没有直接给定,则可以用下式计算;



扩展到2D:



x-Stokes equation







y-Stokes equation







