

Figura 7.18 -  $\sigma_{xx}$ ,  $\sigma_{yy}$ ,  $\sigma_{zz}$ ,  $\sigma_{xy}$ ,  $\sigma_{xz}$  e  $\sigma_{yz}$  obtidas com  $S_{333}^{90}$  e  $v_{33}^{30}$ .

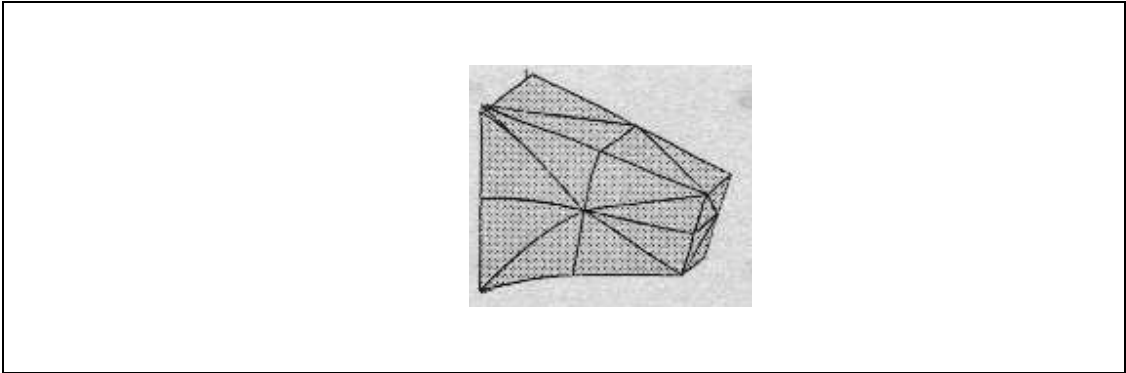


Figura 7.19 - Deformada obtida com  $S_{333}^{90}$  e  $v_{33}^{30}$  ( x 0.1).

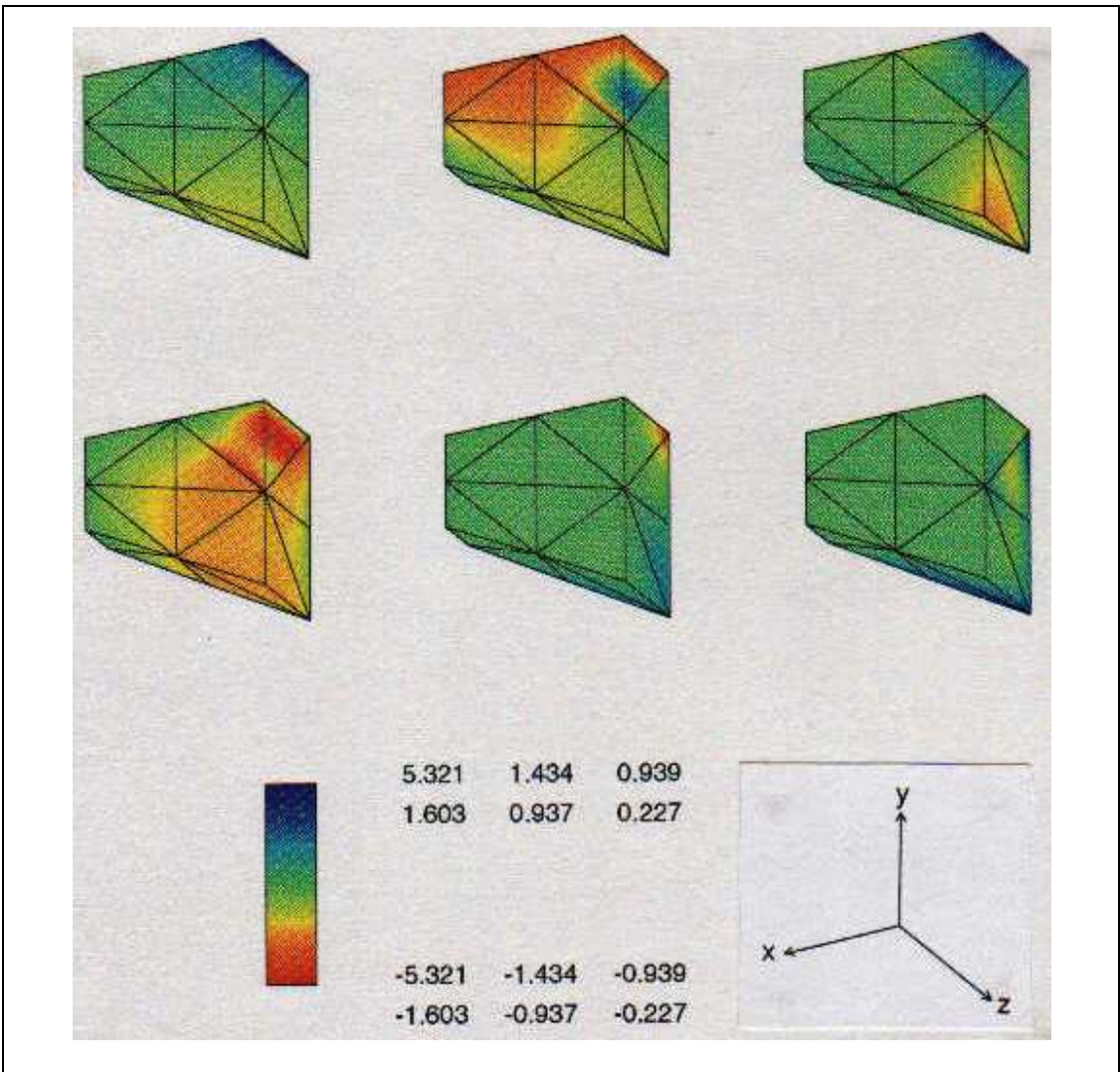


Figura 7.20 -  $\sigma_{xx}$ ,  $\sigma_{yy}$ ,  $\sigma_{zz}$ ,  $\sigma_{xy}$ ,  $\sigma_{xz}$  e  $\sigma_{yz}$  obtidas com  $S_{333}^{90}$  e  $v_{33}^{30}$ .

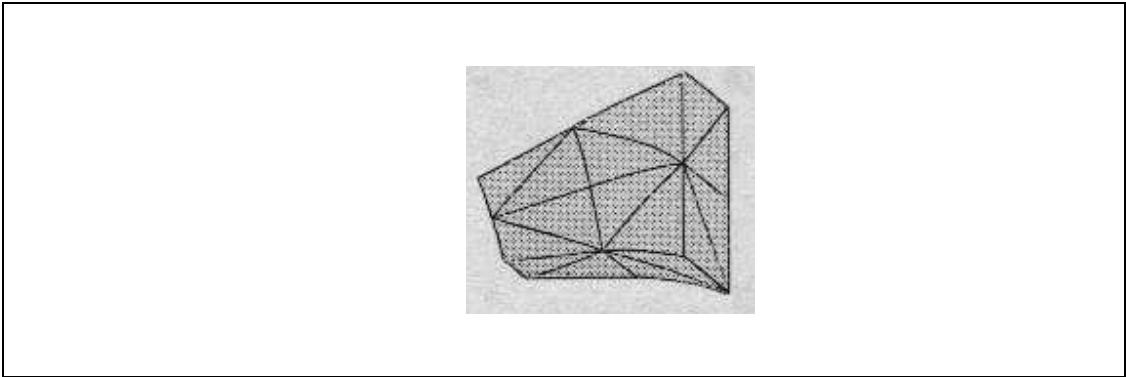


Figura 7.21 - Deformada obtida com  $S_{333}^{90}$  e  $v_{33}^{30}$  (x 0.1).

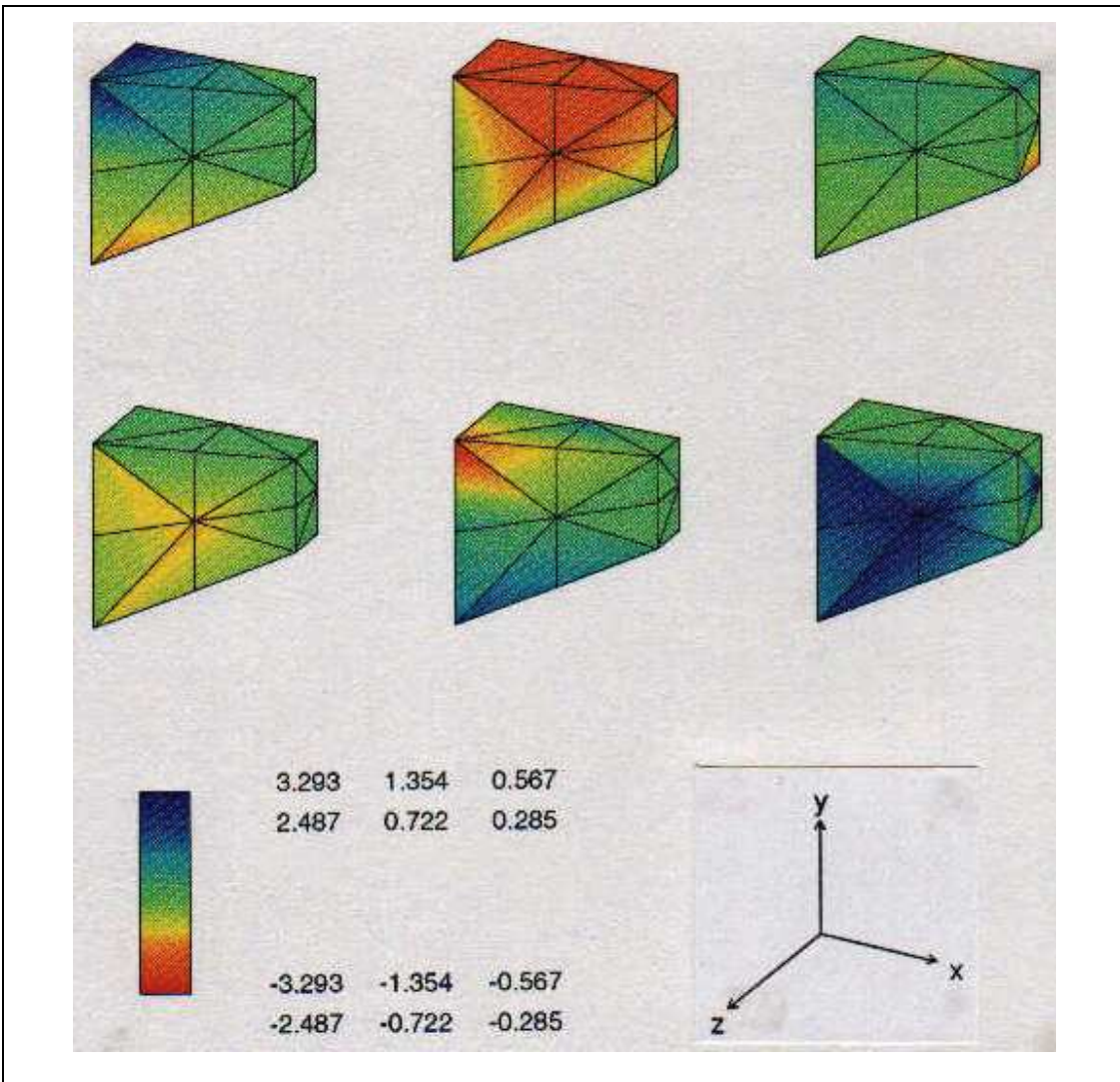


Figura 7.22 -  $\sigma_{xx}$ ,  $\sigma_{yy}$ ,  $\sigma_{zz}$ ,  $\sigma_{xy}$ ,  $\sigma_{xz}$  e  $\sigma_{yz}$  obtidas com  $S_{111}^{21}$  e  $v_{11}^9$ .

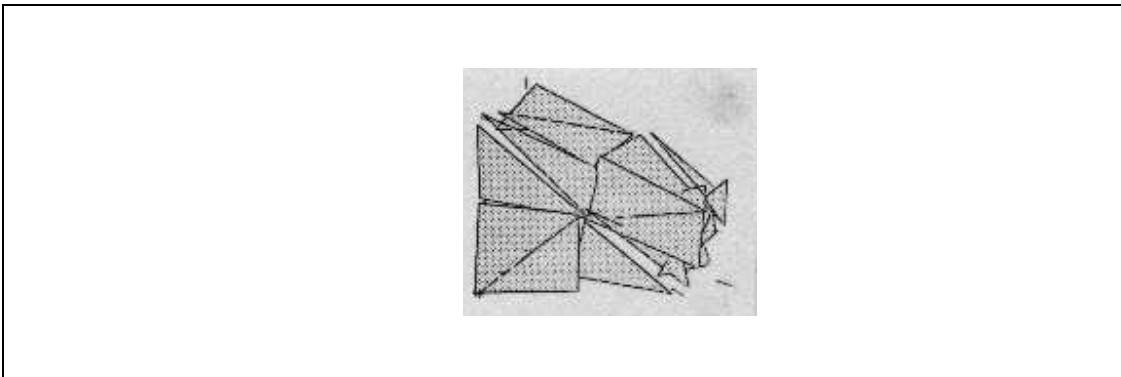


Figura 7.23 - Deformada obtida com  $S_{111}^{21}$  e  $v_{11}^9$  (x 0.1).