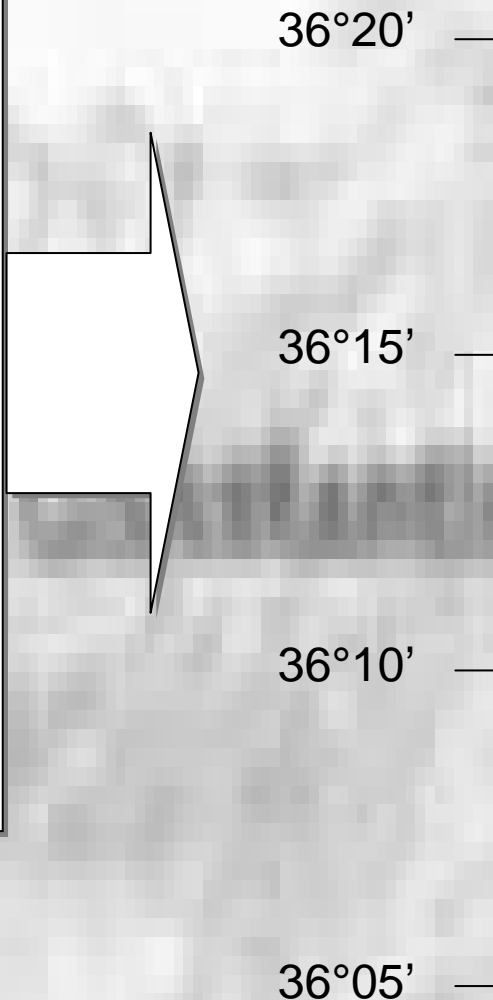


$$\sigma_1 = \frac{\sigma_1 + \sigma_3}{2} + \frac{\sigma_1 - \sigma_3}{2} \sin^2(\gamma_1) \quad \text{and} \quad \sigma_2 = \sigma_1 + \sigma_3$$

work of the Chelif area (*El-Asnam*) which is between **1°24'** and **1°36' East** in longitude and the inverse fault which is at the origin of the formation evolution of the ground surrounding

reference points and 09 monitoring points. It is between 1990 and April 1992 (*works undertaken by*

6 km and **7.3 km** and the modal value is **6 km**. Measured with the distance-meter (Di20) with precision taking spherical effects and are reduced to the UTM projection of the year 1959 (*NS-59*).



Dilation/Compression and shear of elementary surfaces (triangles) of the seismic monitoring network

(b)

