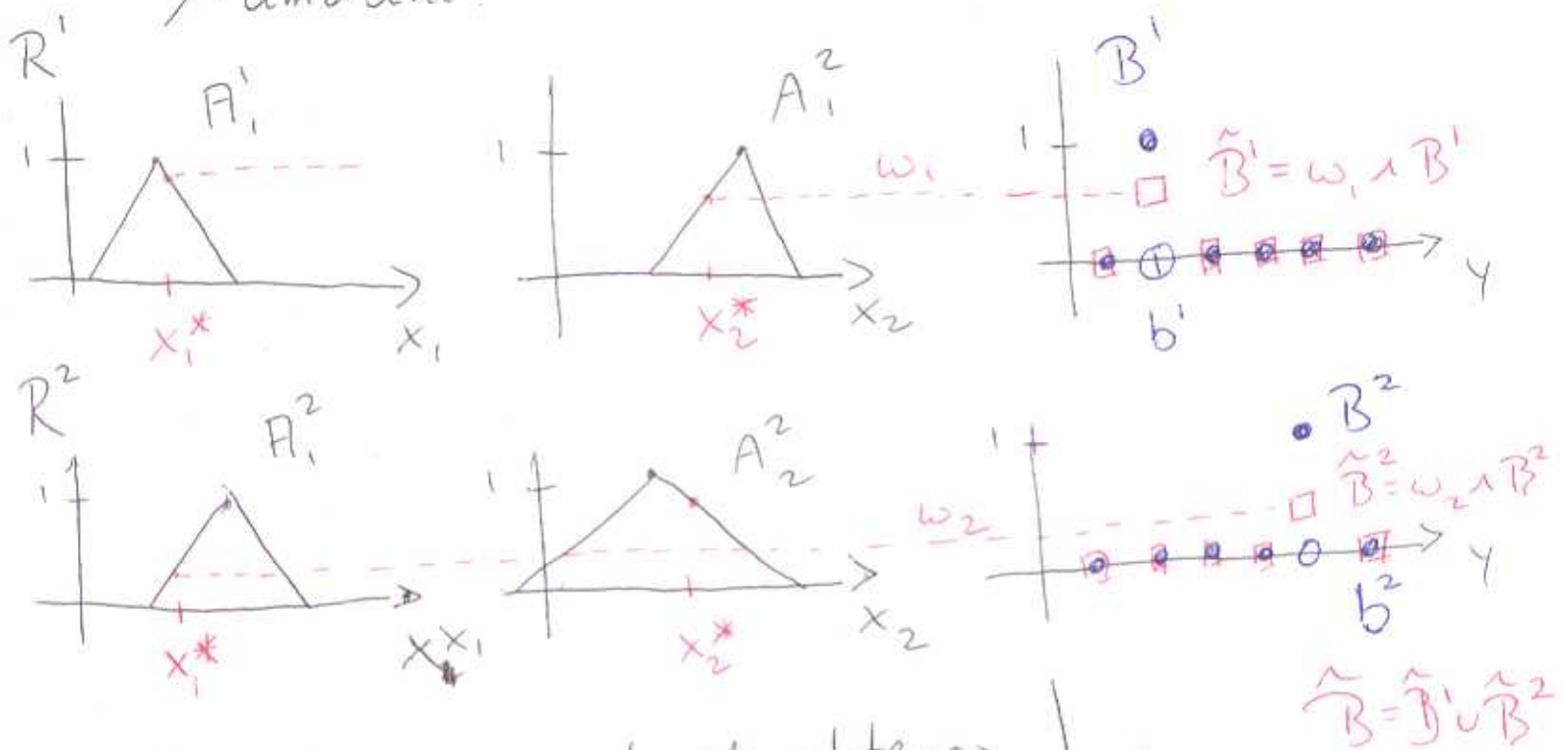


3. Mamdani:



No Mamdani com centroide obtemos

$$G(\hat{B}) = \frac{b^1 \cdot \mu_{\hat{B}}(b^1) + b^2 \cdot \mu_{\hat{B}}(b^2)}{\mu_{\hat{B}}(b^1) + \mu_{\hat{B}}(b^2)}$$

$$= \frac{b^1 \cdot w_1 + b^2 \cdot w_2}{w_1 + w_2}$$

$$= \frac{w_1 \cdot y^1 + w_2 \cdot y^2}{w_1 + w_2}$$

, a saída calculada por TS.