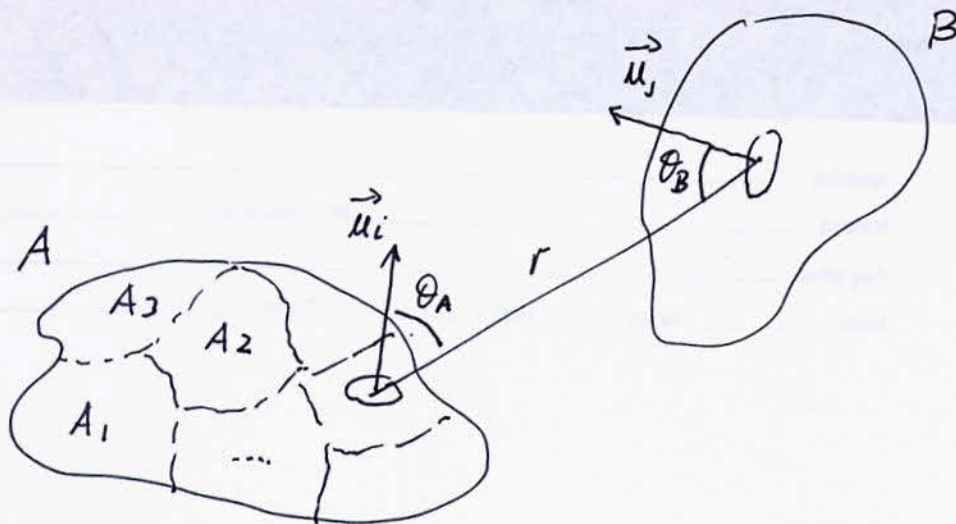


PROPIEDAD INTERESANTE DE LOS FACTORES DE FORMA



$$F_{AB} = \frac{1}{A} \cdot \int_A \int_B \frac{\cos \theta_A \cos \theta_B}{\pi r^2} dA \cdot dB$$

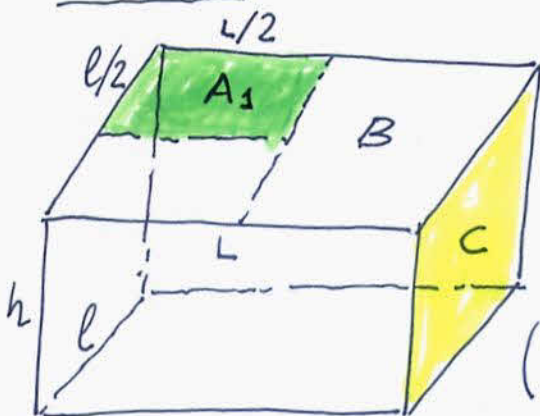
SI SE FRAGMENTA LA SUPERFICIE $A = \sum_k A_k$

$$A F_{AB} = \int_{\sum A_k} \int_B \frac{\cos \theta_A \cos \theta_B}{\pi r^2} dA dB = \sum_k \int_{A_k} \int_B \frac{\cos \theta_{A_k} \cos \theta_B}{\pi r_k^2} dA_k dB$$

$$A \cdot F_{AB} = \sum_k A_k \cdot F_{A_k B}$$

ASOCIACIÓN DE FACTORES DE FORMA

APLICACIÓN: EL AREA SUPERIOR $A = 2A_1 + B$



$$A \cdot F_{AC} = 2A_1 F_{A_1 C} + B \cdot F_{BC}$$

$$F_{A_1 C} = \frac{A F_{AC} - B F_{BC}}{2A_1}$$

(F_{AC} y F_{BC} ESTAN EN TABLAS)