



1.112
S

$$2\alpha + 2\beta = 180^\circ \quad \angle DAB = 2\beta \quad \angle AEB = \angle ABE = \beta \quad \text{||No||} \quad \perp$$

$$\alpha + \beta = 90^\circ \quad \angle ADC = 2\alpha \quad \angle DEC = \angle DCF = \alpha$$

$$\angle G = 90^\circ \quad \alpha + \beta + \angle G = 180^\circ \quad \therefore \triangle EGF$$

(המשפט) $MG \parallel AB \iff \angle MGE = \beta \iff GM = ME$ וכן $AD = AE$ וכן $BC \parallel EF$
 ה- \perp DE \perp CM וכן $AD = AE$ וכן $BC \parallel EF$

$$S_{FGD} = \frac{h \cdot FD}{2} = \frac{h \cdot AE}{2} = S_{ABE}$$