

# Übungen in Analysis ◇ Exercices en analyse ◇ T. E1 ◇ II / 12

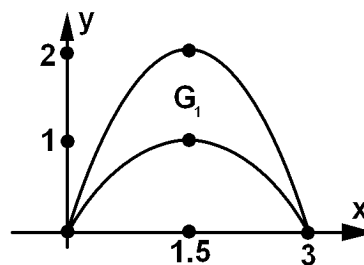
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**Probl. 1** Parabelkurven!

- *Courbes: Paraboles*

$$G_1 = D_f$$

$$\int_{G_1} (x^2 + x y) dG = ?$$

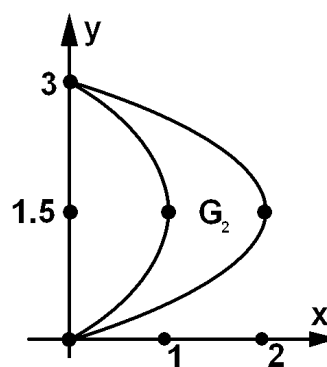


**Probl. 2** Kurven wie oben!

- *Les courbes comme en haut!*

$$G_1 = D_f$$

$$\int_{G_2} (x^2 + x y) dG = ?$$



- Probl. 3**
- (a)  $\int_{G_1} (y^2 + x y) dG = ?$
- (b)  $\int_{G_2} (y^2 + x y) dG = ?$