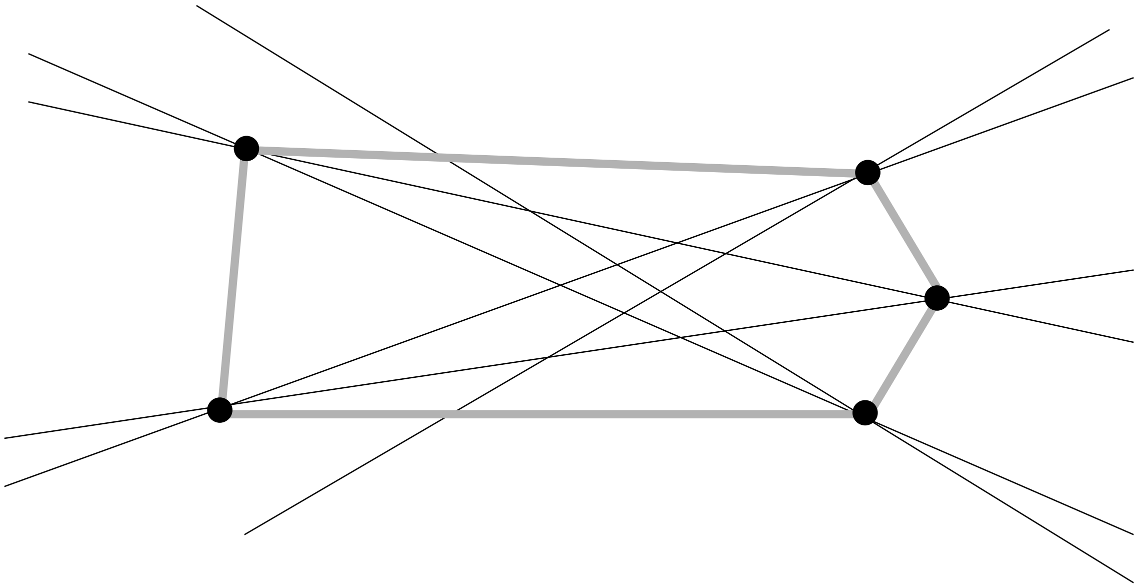

Fig. 1 An arrangement of six lines and their convex hull.

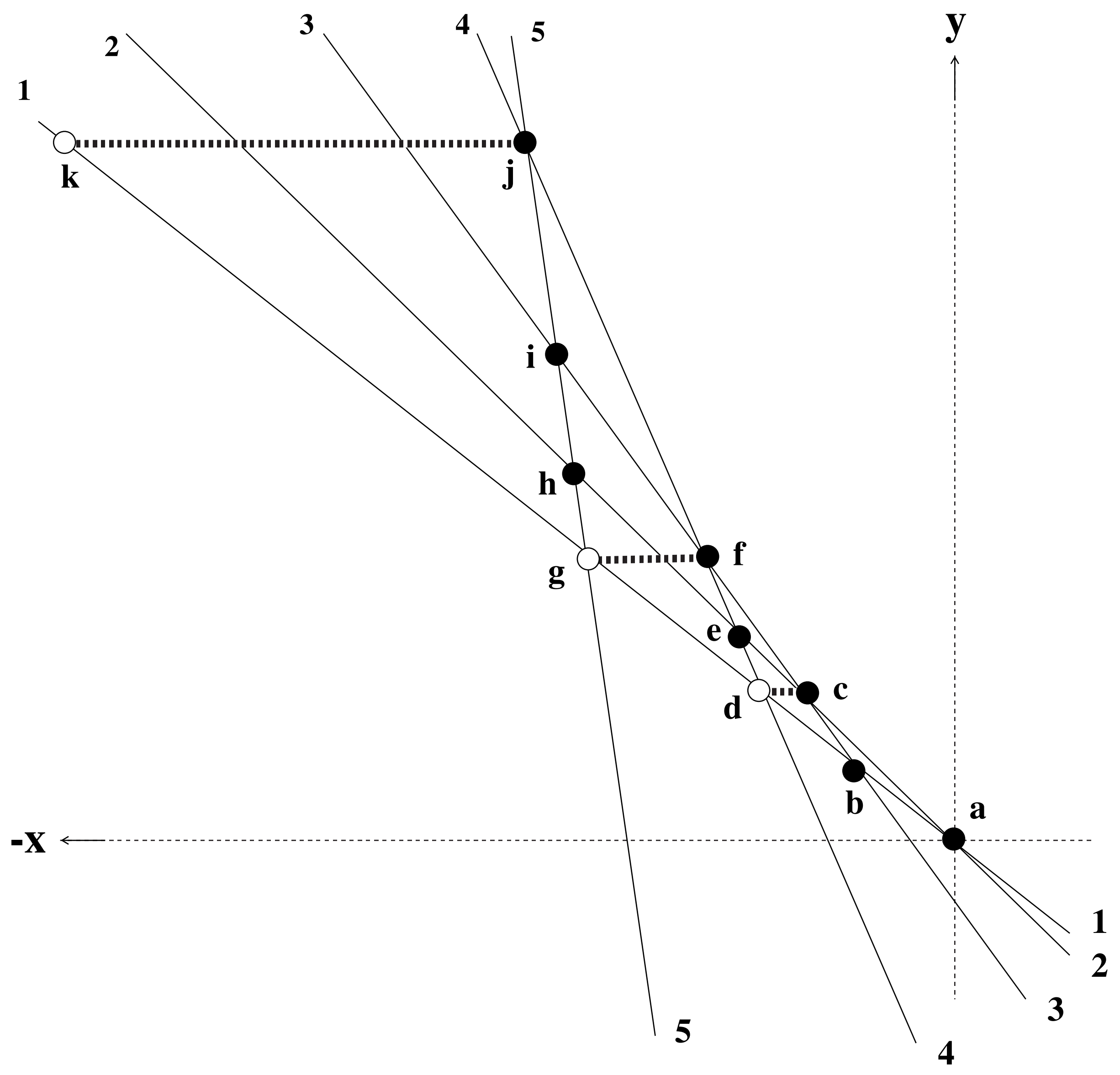

Fig. 2 Illustrating the construction that demonstrates that an arrangement of lines may have all its intersection points as maximal vectors.

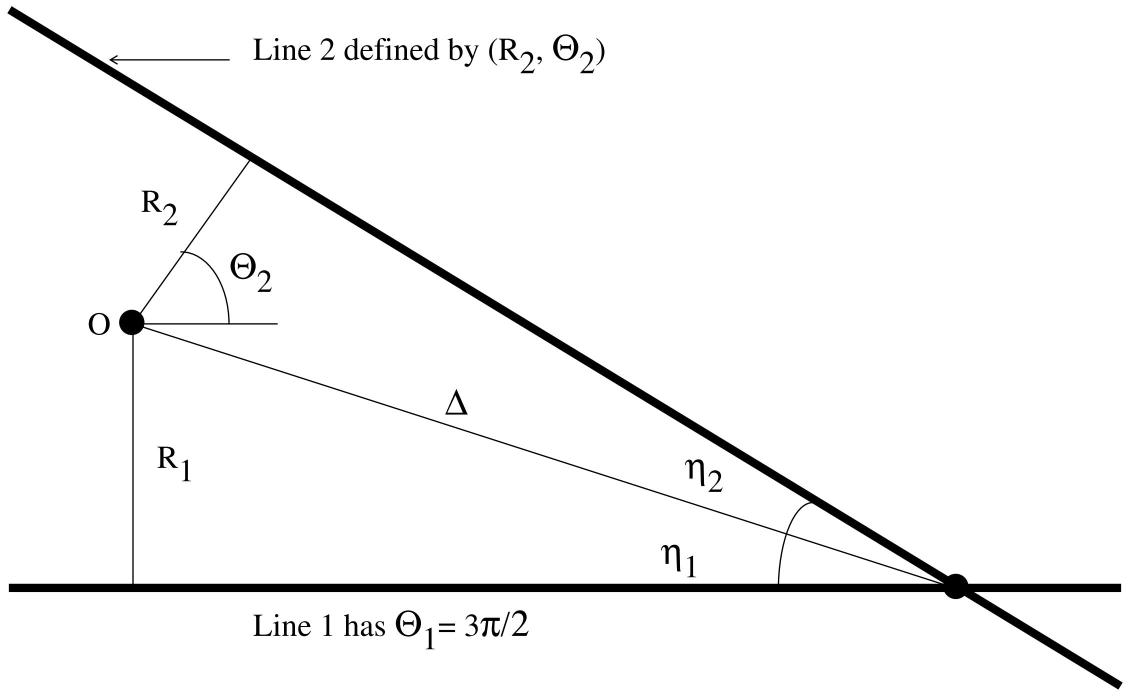
Line 2 defined by (R_2, Θ_2)
R_2
Θ_2
O
Δ
R_1
η_2
η_1
Line 1 has $\Theta_1 = 3\pi/2$

Fig. 3

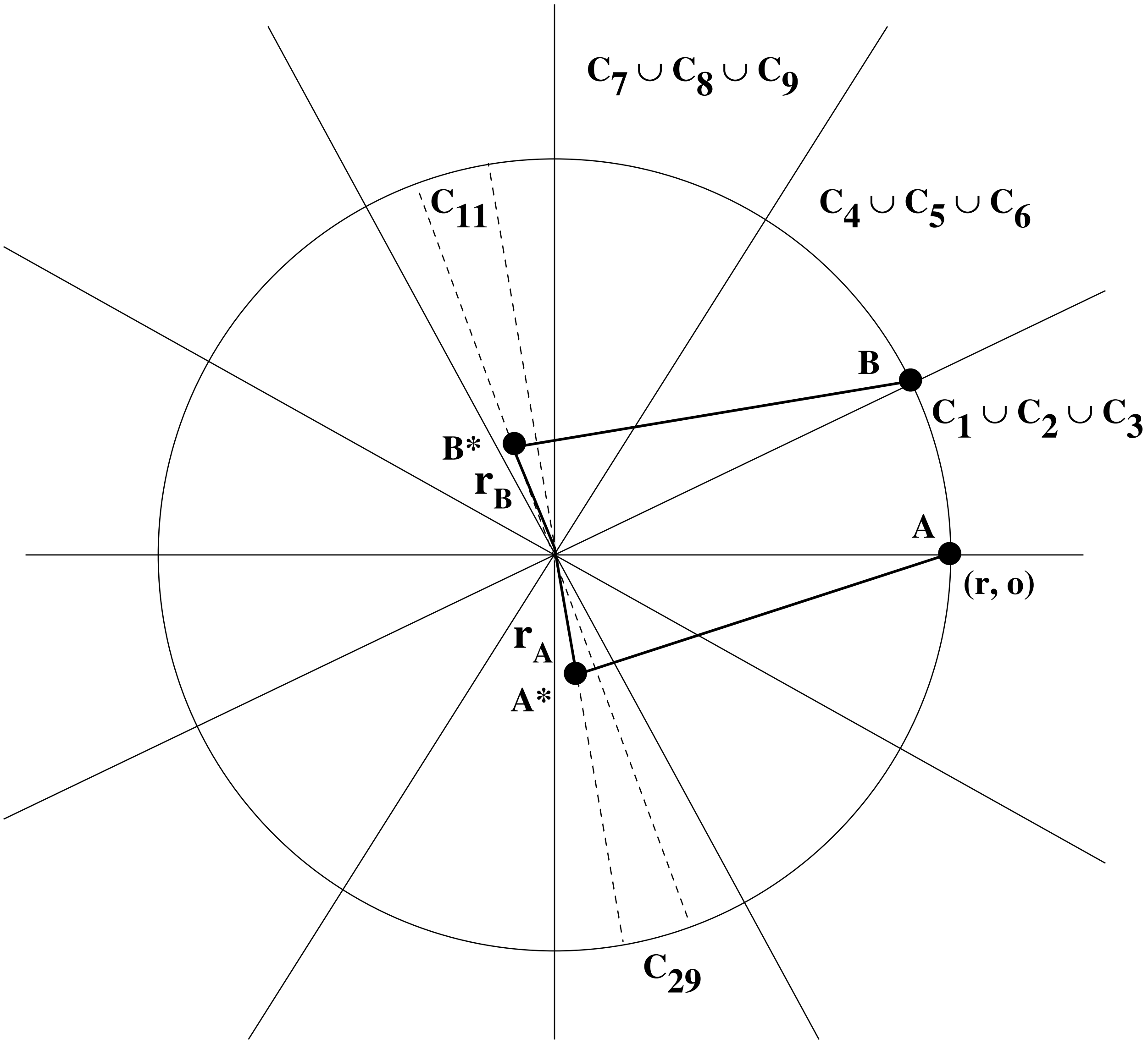

Fig. 4 Legend: $\mathbf{r_B}$ = distance (origin, **B***) and $\mathbf{r_A}$ = distance (origin, **A***).

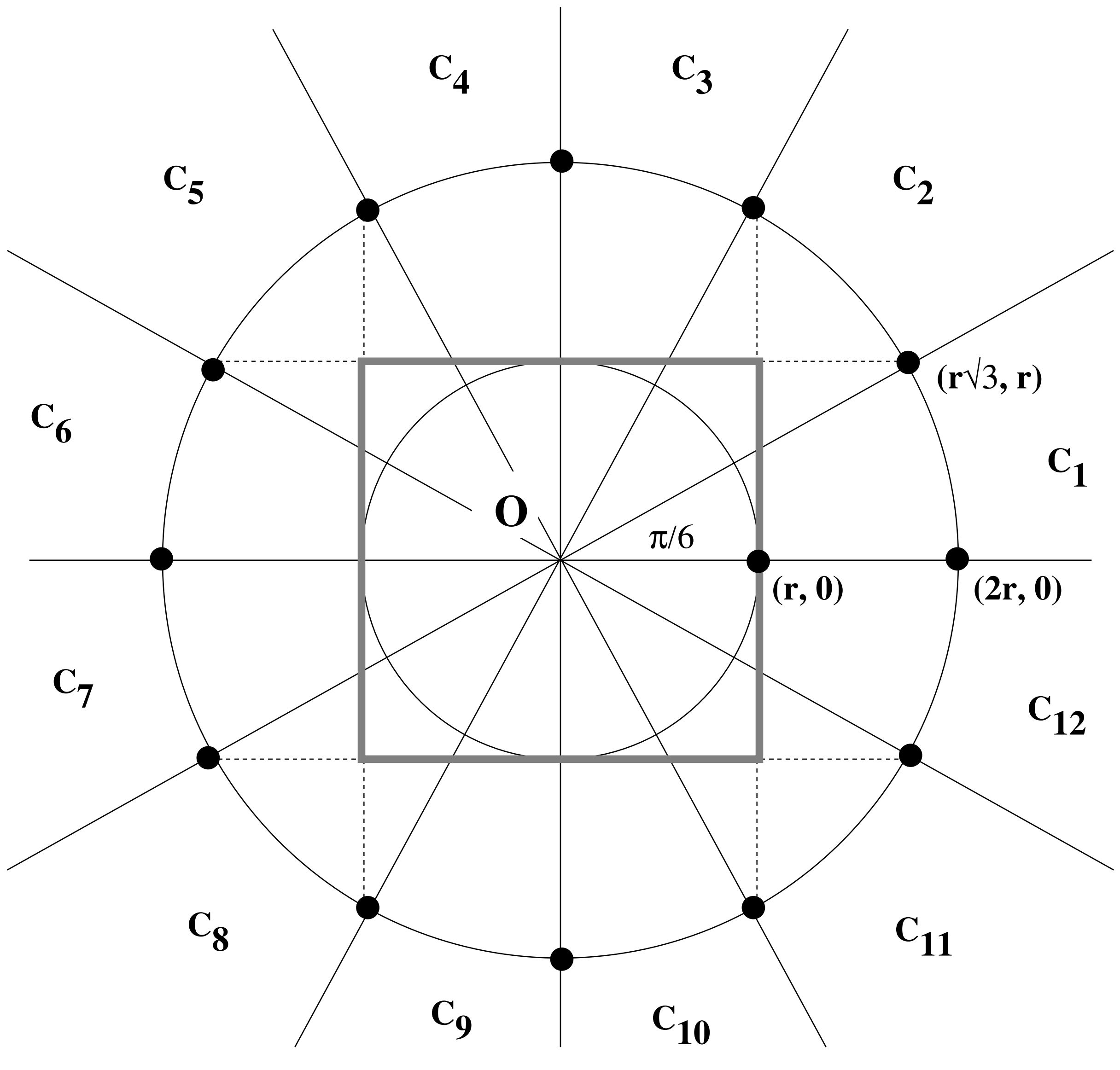

Fig. 5