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1.2. Linear Programming: A Graphical Perspective in  $R^2$  whose feasible region is shown in Figure 1.6. The solution is given by  $x^* = 0.6043$ , with  $z^* = 132.171$ .  $x_1 \ x_2 \ z = 300 \ z = 200 \ z = 132.171$  FIGURE 1.6: Feasible region with contours  $z = 300$ ,  $z = 200$  and  $z = 132.171$ .  $x_1 \ x_2 \ z = 300 \ z = 200 \ z = 132.171$

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