

EXERCISES LECTURE 6

EXERCISE 6.1

Find a support point for the following objects for the given direction  $d$ .

- i) A box with dimensions  $(4, 2, 6)$  centered at  $(-2, 1, 6)$  with  $d = (-2, 1, 6)$
- ii) A triangle consisting of the vertices  $(-8, -2)$ ,  $(4, -2)$  and  $(4, 6)$  with  $d = (1, 0)$
- iii) A sphere of radius 1.2 with its center at  $(1, 1, 1)$  with  $d = (-1, 2, 2)$