## 

Page 3 etc.: They write kx for what we usually write  $k \cdot x$ .

**Page 5:** All three occurrences of  $E(k, \theta)$  should be  $E(\omega, \theta)$ . Also "it that important"  $\rightarrow$  "it is important".

**Exercise 3.1:** Find the missing square root and subscript "m0"!

Exercise 3.3 (first version): Same as 3.4 discussed below.

**Exercise 3.4:** Show that with the written directional function  $\sin^2 \theta$  for  $0 \le \theta \le 2\pi$ , the analysis does not work! Can you explain why?

For a more interesting result try one of

- $\cos^2 \frac{\theta}{2}$  or  $\sin^2 \frac{\theta}{2}$  for  $0 \le \theta \le 2\pi$ ,
- $\begin{cases} \sin^2 \theta & \text{for } 0 \le \theta \le \pi \\ 0 & \text{otherwise} \end{cases}$
- $\bullet \begin{cases} \cos^2 \theta & \text{for } |\theta| \le \pi/2 \\ 0 & \text{otherwise} \end{cases}$

**Figure 4.1:** Draw an arrow along the horizontal axis pointing to the right, and write t next to the arrow.

**Exercise 4.1:** "Rayleigh distributed waves"  $\rightarrow$  "Rayleigh distributed wave heights"