Homework	#	23.
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- · Read pp. 97 99 and pp. 111-115.
- 1. For each of the sets below, find an open cover of a set for which there is no finite subcover.
- a) R;
- b) {n2 ne N};
- c) { | n \ n \ N };
- d) [0,1).
- 2. Do # 3.3.9
- 3. For each limit below find the largest $\delta(\epsilon)>0$ that guarantees that $0<|X-C|<\delta(\epsilon) \Rightarrow |f(x)-L|<\epsilon$.
- a) $\lim_{X \to 3} (5X + 7) = 22$
- b) $\lim_{X \to 2} X^2 = 4$
- 4. Negate definitions 4.2.1 and 4.2.1 B.