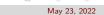
Assignment 5: Papoulis Textbook

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May 23, 2022





Outline

Question

Solution

Question

Chapter 3 example 3.1

The cartesian product of the sets $SI = \{car, apple, bird\}\ S2 = \{h, t\}\ is?$



Solution

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Given SI = \{car, apple, bird\} and S2 = \{h, t\}
Let the cartesian product of the sets S1 and S2 be S.
Then S = S1 x S2
\implies S = \{(car, h), (car, t), (apple, h), (apple, t), (bird, h), (bird, t)\}
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