

Exercise 3.2.2

Introduction to Discrete Mathematics MATH 2001

SEBASTIAN CASALAINA

ABSTRACT. This is Exercise 3.2.2 from Hammack [[Ham13](#), §3.2]:

Exercise 3.2.2. Airports are identified with 3-letter codes. For example, Richmond, Virginia has the code RIC, and Memphis, Tennessee has MEM. How many different 3-letter codes are possible?

Solution. There are 26 letters in the alphabet, so there are 26^3 possible 3-letter codes. □

REFERENCES

[Ham13] Richard Hammack, *Book of proof*, Creative Commons, 2013.

UNIVERSITY OF COLORADO, DEPARTMENT OF MATHEMATICS, CAMPUS BOX 395, BOULDER, CO 80309

Email address: casa@math.colorado.edu