**Lenguajes Regulares**

Fuente:T.A.Sudkamp.Languages and Machines:

An IntroductiontotheTheoryofComputerScience.Pearson,3rdEdition(2005),pp.59‐61.

**4. Let X = (aa, bb) and Y = {λ, b, ab).**

**a) List the strings in the set XY.**

**b) How many strings of length 6 are there in X\*?**

**c) List the strings in the set Y\* of length three or less.**

**d) List the strings in the set X\*Y\* of length four or less.**

**14. The set of strings over {a, b,c) in which all the a’s precede the b’s, which in turn precede the c’s. It is possible that there are no a’s, b’s, or c's.**

**15. The same set as Exercise 14 without the null string.**

**16. The set of strings over {a, b, c} with length three:**

**17. The set of strings over (a, b, c} with length less than three:**

**18. The set of strings over (a, b,c) with length greater than three.**

**19. The set of strings over {a, b} that contain the substring ab and have length greater than two.**