

Aula 5

Exercício - Parte I

① Tredes Transitivo Direto

$$F^+(1) = \{2, 3, 4, 5, 7, 9, 10, 13\}$$

$$F^+(2) = \{5, 7, 13\}$$

$$F^+(3) = \{ \}$$

$$F^+(4) = \{9, 10\}$$

$$F^+(5) = \{ \}$$

$$F^+(6) = \{11, 12, 7, 13, 2, 5\}$$

$$F^+(7) = \{13\}$$

$$F^+(8) = \{3\}$$

$$F^+(9) = \{ \}$$

$$F^+(10) = \{ \}$$

$$F^+(11) = \{ \}$$

$$F^+(12) = \{ \}$$

$$F^+(13) = \{ \}$$

Tredes Transitivo indireto

$$F^-(1) = \{ \}$$

$$F^-(2) = \{1, 5, \}$$

$$F^-(3) = \{1, 7\}$$

$$F^-(4) = \{1\}$$

$$F^-(5) = \{2, 1, 6, 9, 10\}$$

$$F^-(6) = \{ \}$$

$$F^-(7) = \{6, 2, 13\}$$

$$F^-(8) = \{ \}$$

$$F^-(9) = \{4, 13\}$$

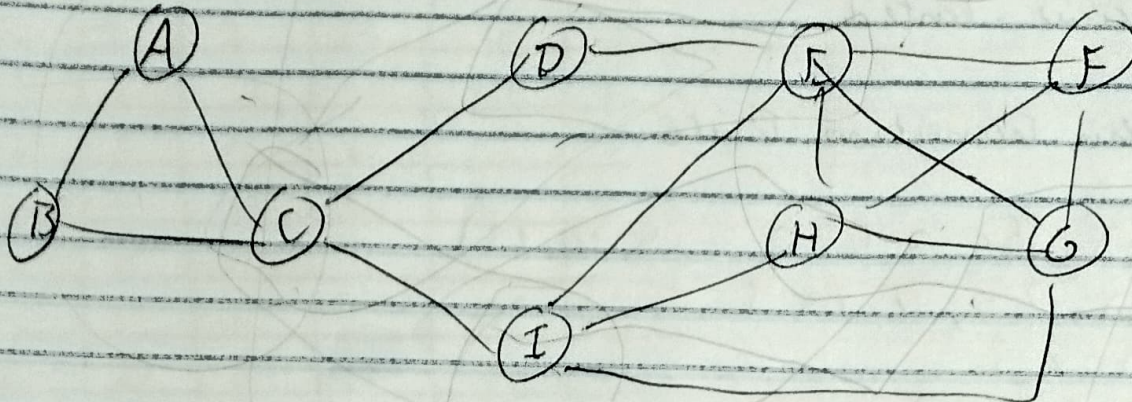
$$F^-(10) = \{4, 13\}$$

$$F^-(11) = \{6\}$$

$$F^-(12) = \{6\}$$

$$F^-(13) = \{7, 6, 2, 1\}$$

Exercício - Parte 2 - Aula 4



(A B C)

(C D I)

(C D E I)

(I H)

(E F G H)

(I, H, G)

(I, H, F, E)

Exercício - Parte 3 - Aula 4

⊗ Determine cada um dos grupos abaixo, determine se é SF-conexo, SI-conexo, ou 1-conexo

a) SF-conexo.

b) SI-conexo

c) F-conexo