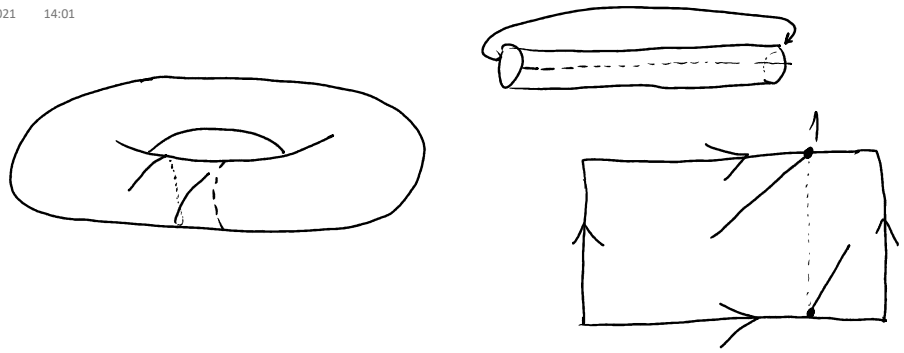
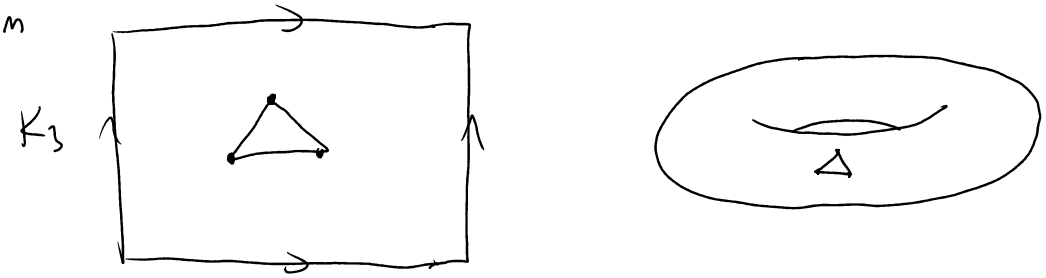
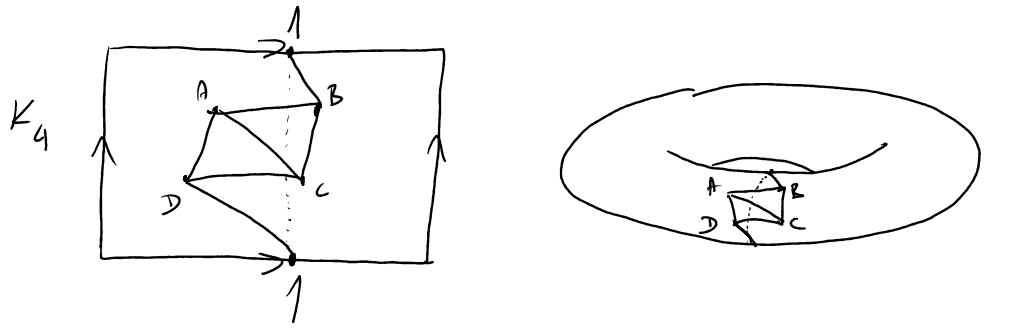
# Nerovinné grafy

19 October 2021 14:01



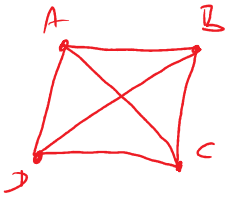
① $K_m$

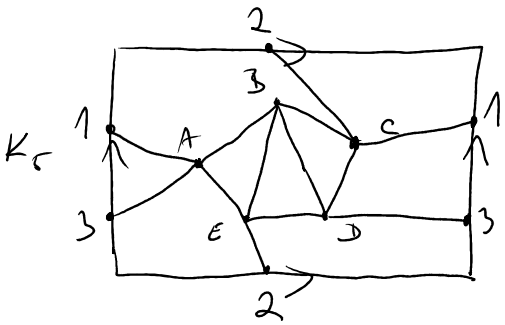


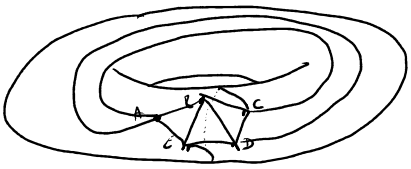



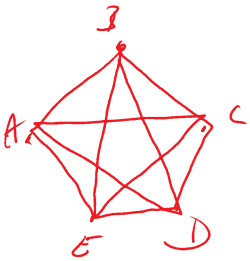


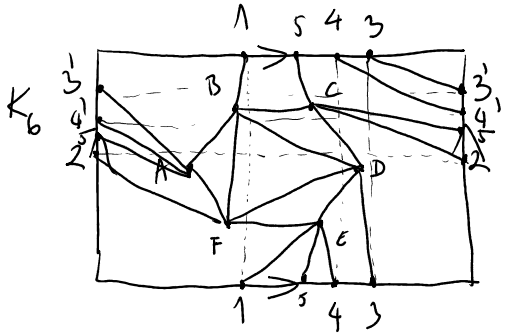


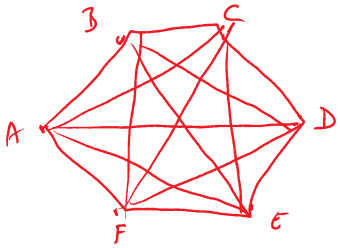


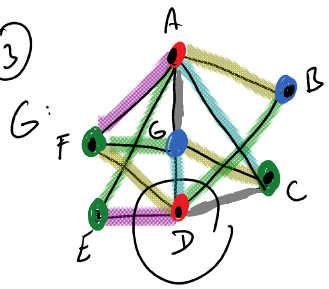




③

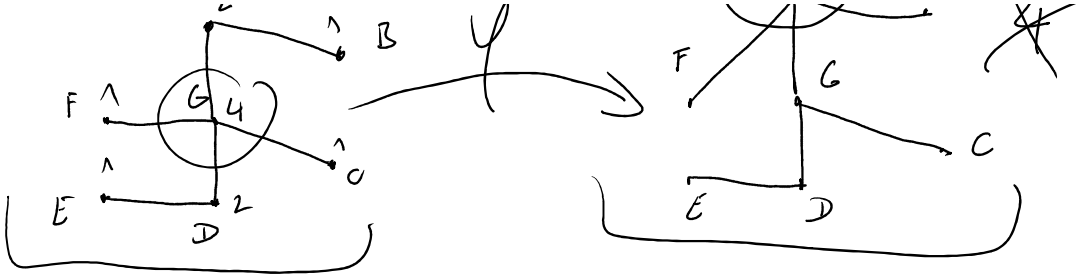



ROVINNÝ ✓

KOSTRA = STROM, PODGRAF

D'

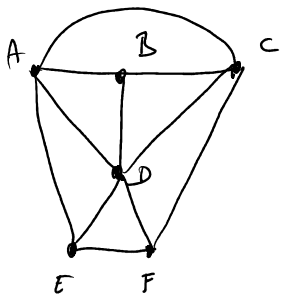
NEIZOMORFNÉ:




CH. $\bar{C}$. : 3

CH. 1. : 5

④

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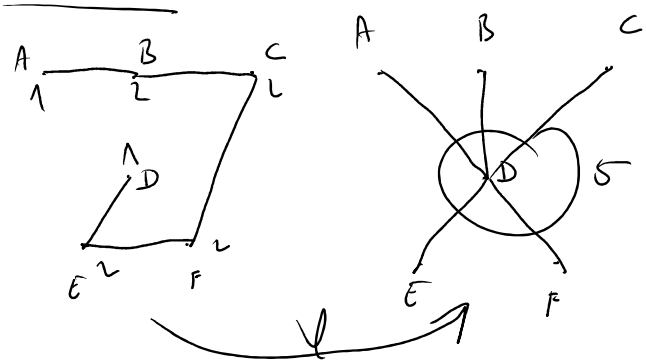


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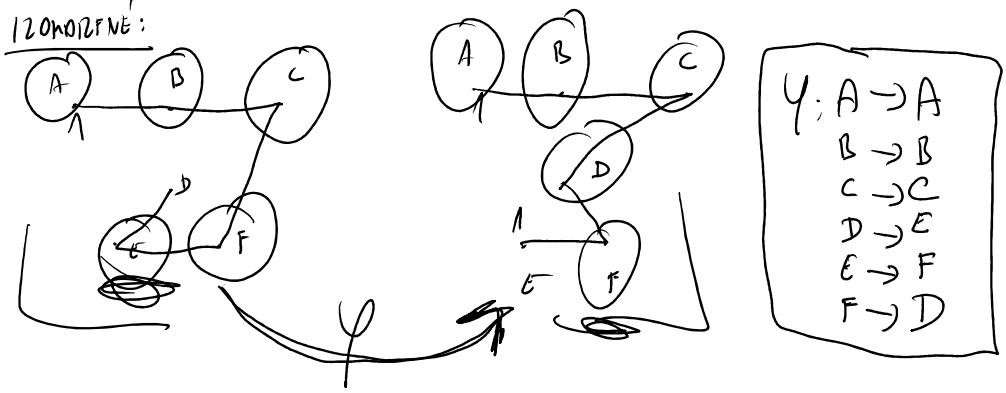
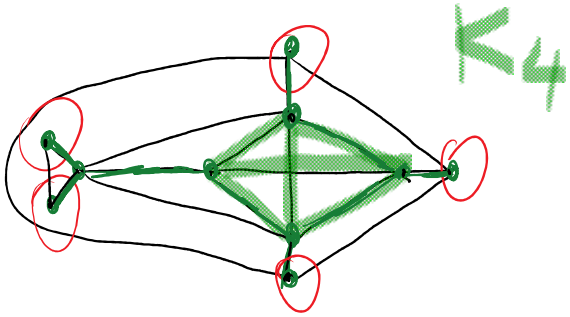
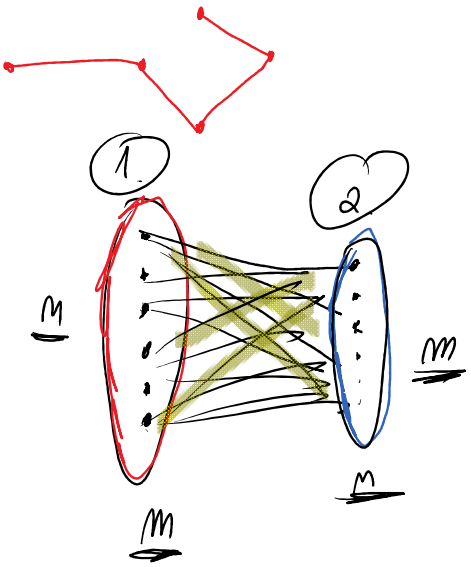



$\varphi$: A → A
B → B
C → C
D → E
E → F
F → D

⑥ HÚSENICA:



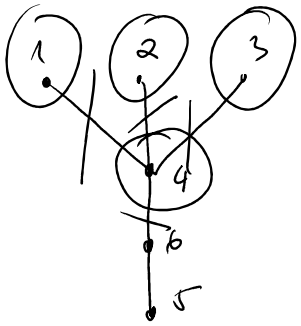




⑥

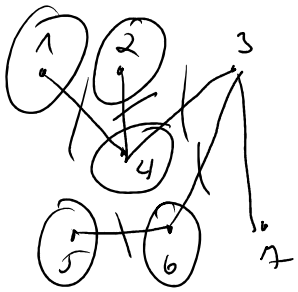
| | CH. $\bar{C}$. | CH. 1. |
|---|---|---|
| $K_m$: | m | m-1 |
| $K_{m,m}$: | 2 | $\max\{m,m\}$ |

(13) PRÜFEROV KÓD:

1) ODSTRÁNIME LIST S NAJMENŠÍM OHODNOTENÍM
2) DO POSTUPNOSTI P PRIDÁME Č. VRCHOLA SUSEDNÉHO S ODSTRÁNENÝM
3) OPAKUJEME, KÝM NEOSTANE 1 HRANA




$P = (4,4,4,6)$



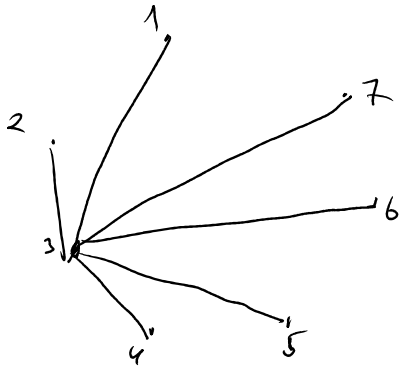

$P = (4,4,3,6,3)$

(14)

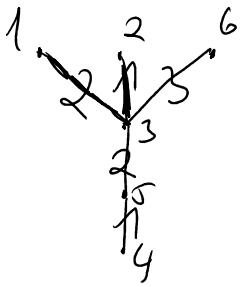
1) $n$ VRCHOLOV, $n = (\#\ \text{č. v } PK) + 2$
2) $Z = (1,2,\dots,n)$
3) NAJMENŠIE Č. V Z, KTORÉ NIE JE V KÓDE A PRVÉ ČÍSLO V KÓDE. SPOJÍME DANÉ VRCHOLY HRANOU A ČÍSLA Z A Z VYMAŽEME
4) OPAKUJEME, KÝM V Z NEOSTANÚ 2 Č. A TIE VRCHOLY SPOJÍME HRANOU

a) $P = (3,3,3,3,3)$ $\quad n = 7$

$Z = (1,2,3,4,5,6,7)$




(15)




1,2,3,4,5,6

1,2,3,4,5