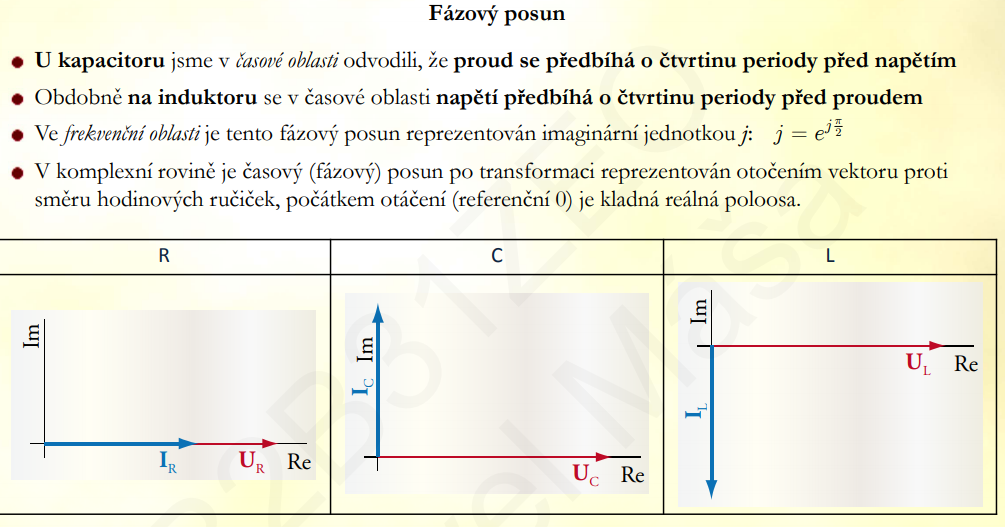
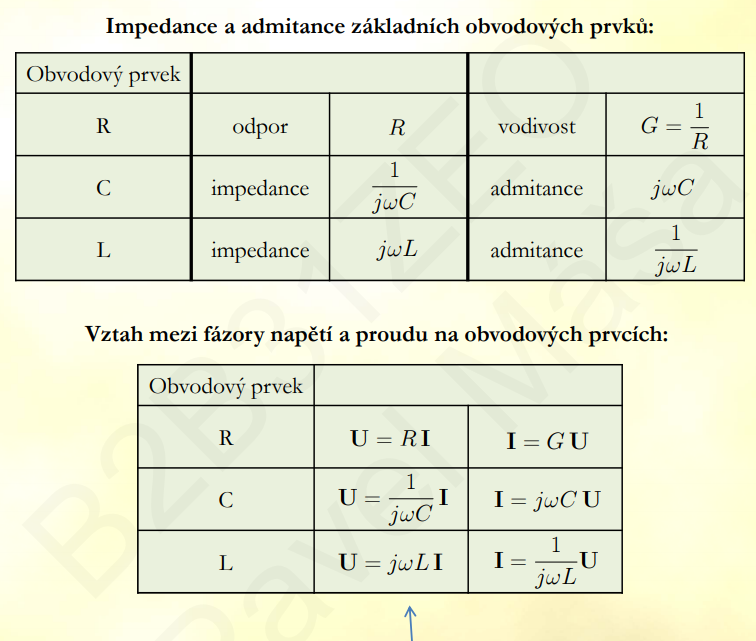
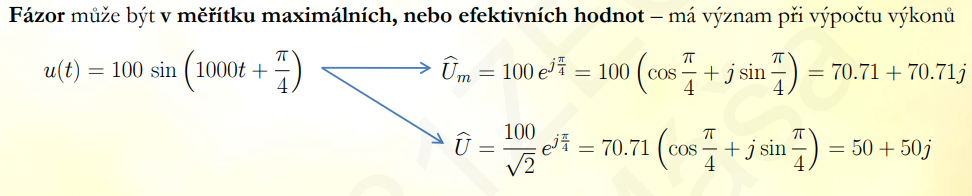
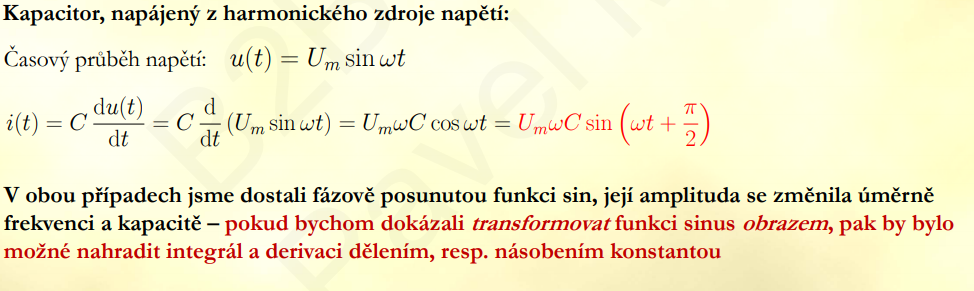
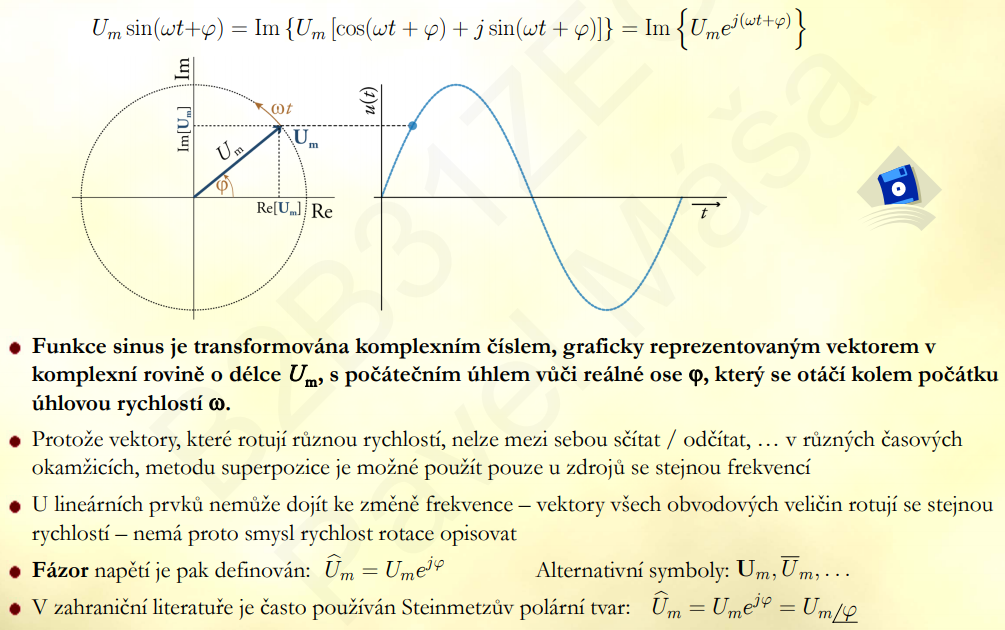
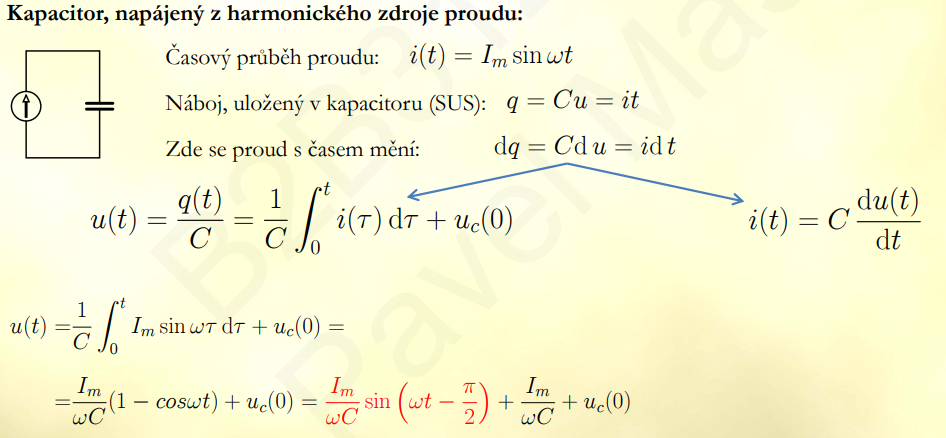
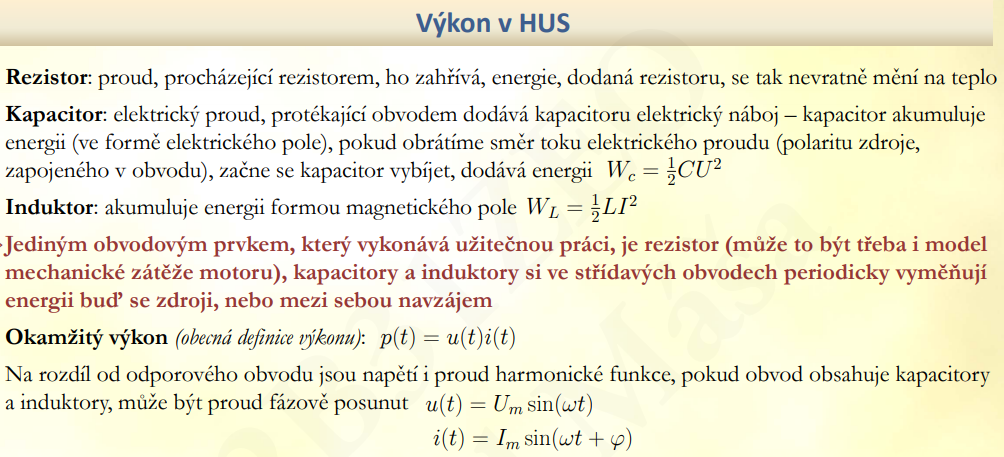
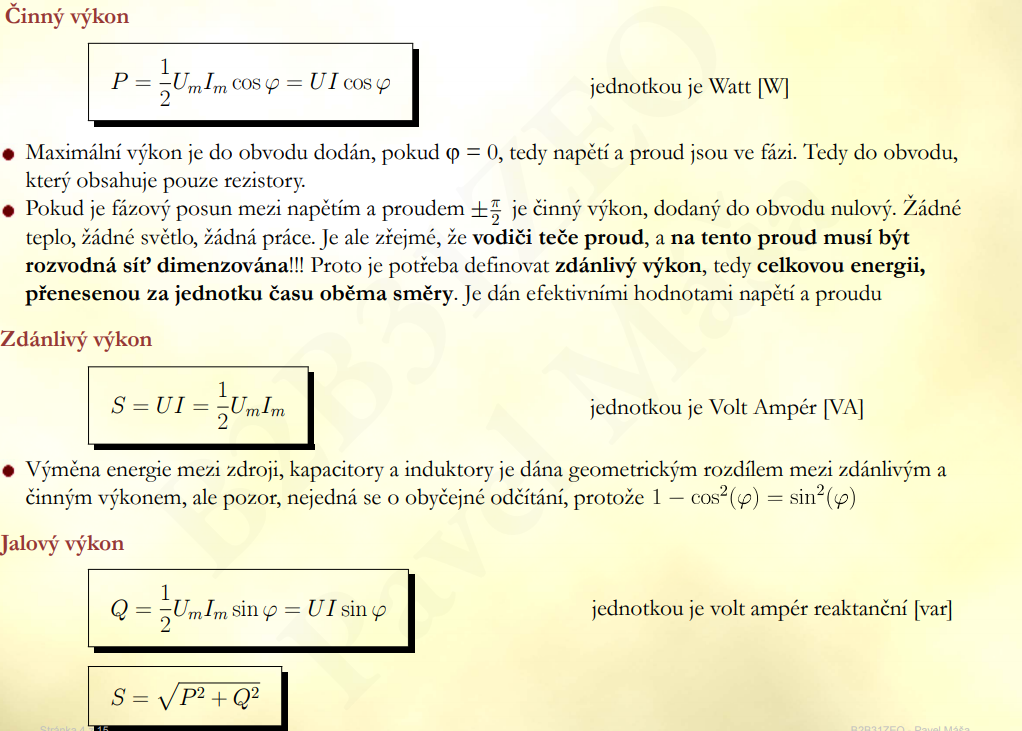
**E4 Harmonický ustálený stav. Fázory. Kmitočtové charakteristiky. Rezonance. Analýza přechodných jevů. Lineární obvody v periodickém neharmonickém ustáleném stavu. (Základy elektrických obvodů)**

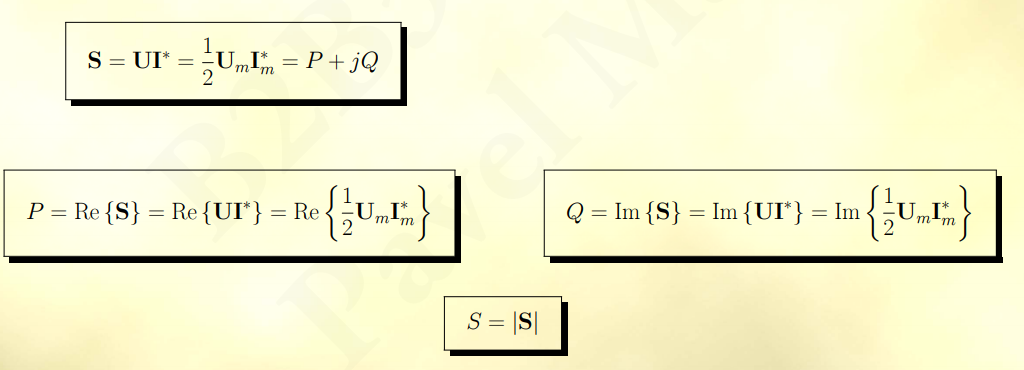
**Harmonický Ustálený stav (HUS)**

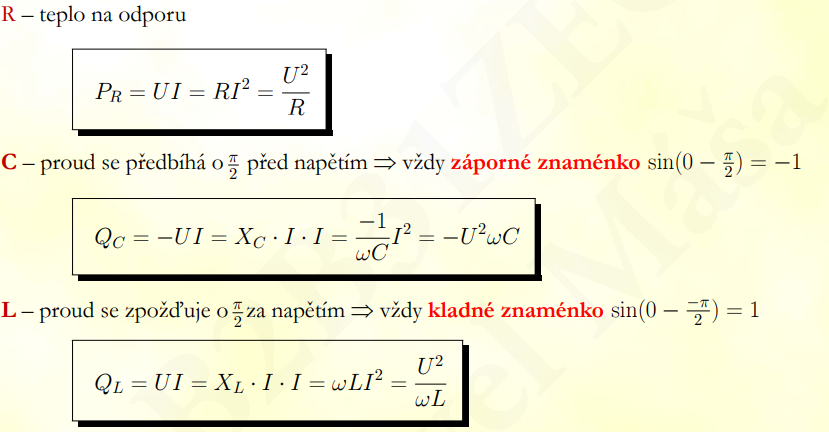




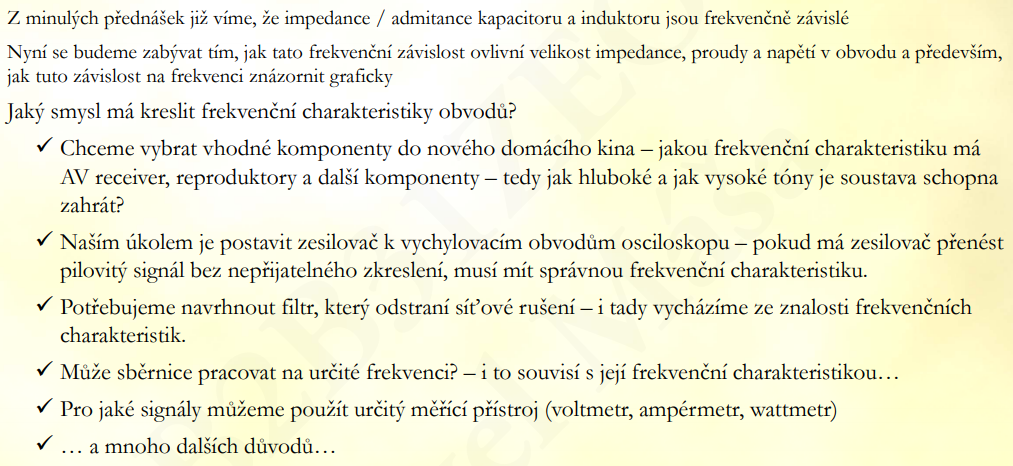


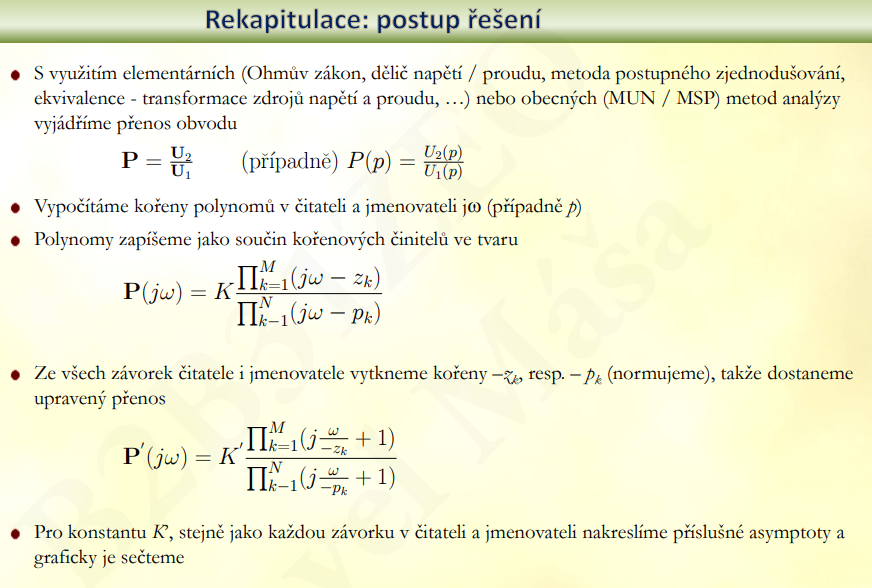
**Vyjádřeno z Fázorů**

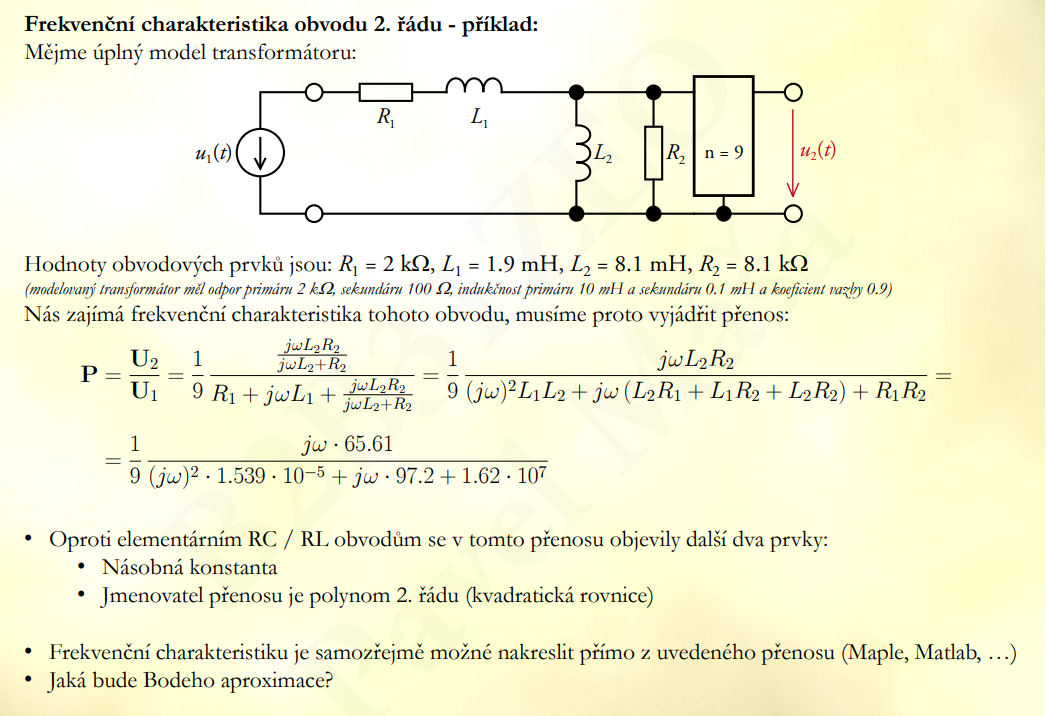


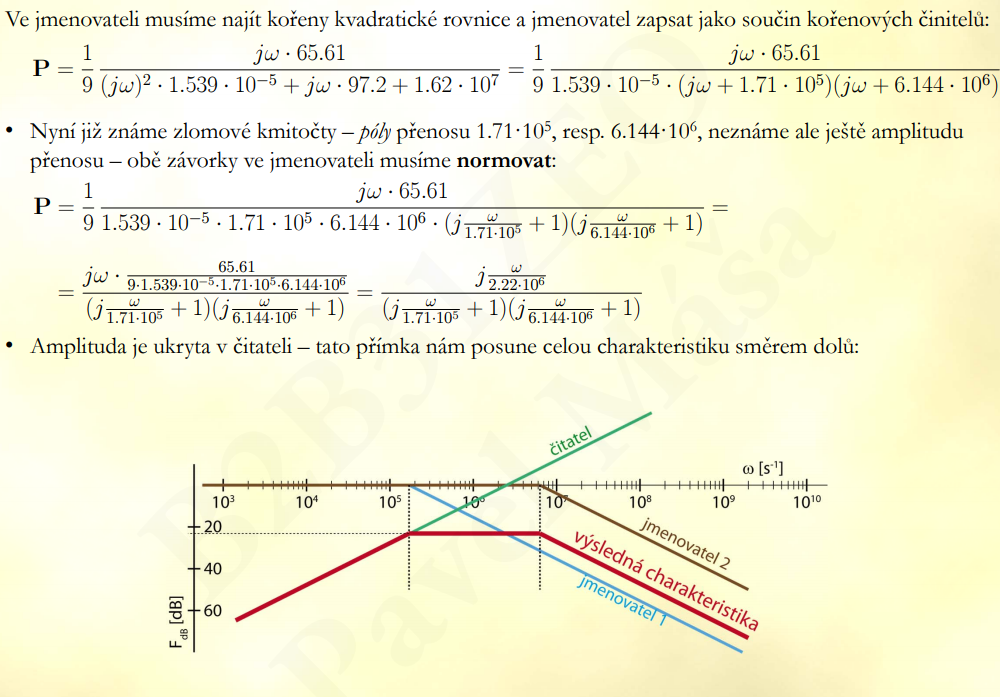


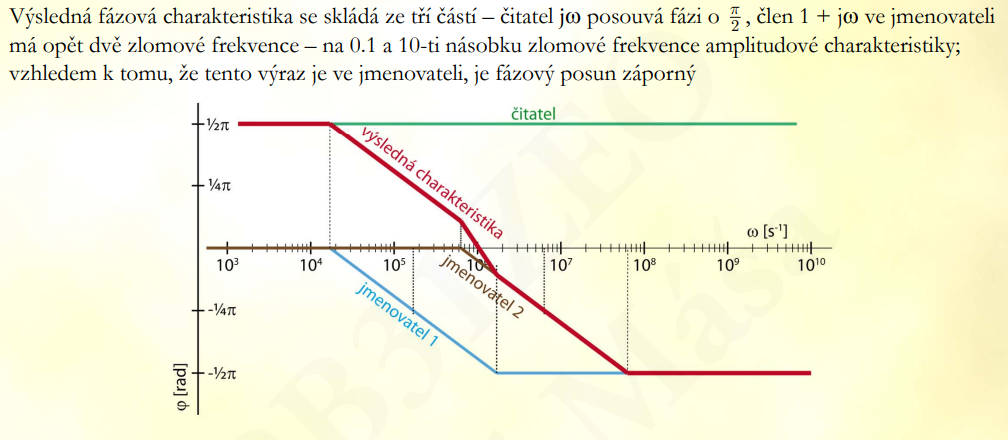


**Kmitočtové Charakteristiky**

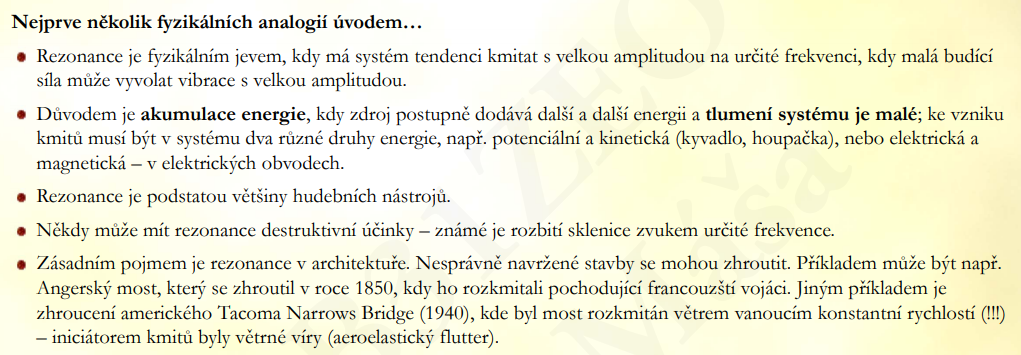
**Postup řešení**

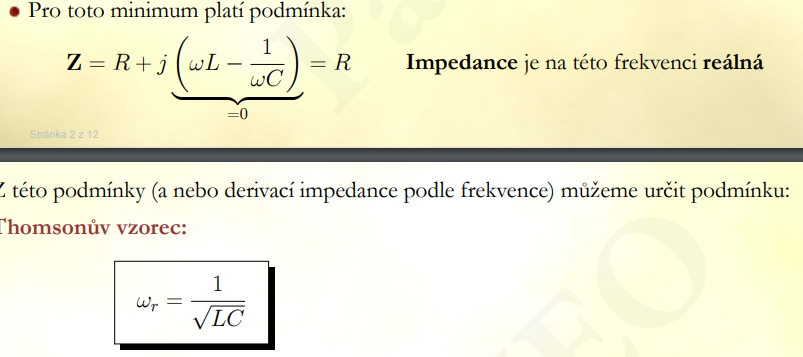
**Příklad**

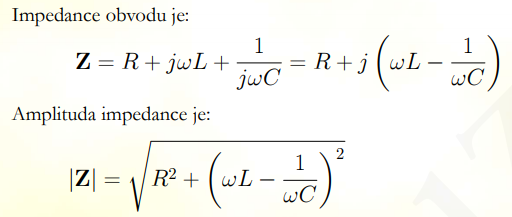


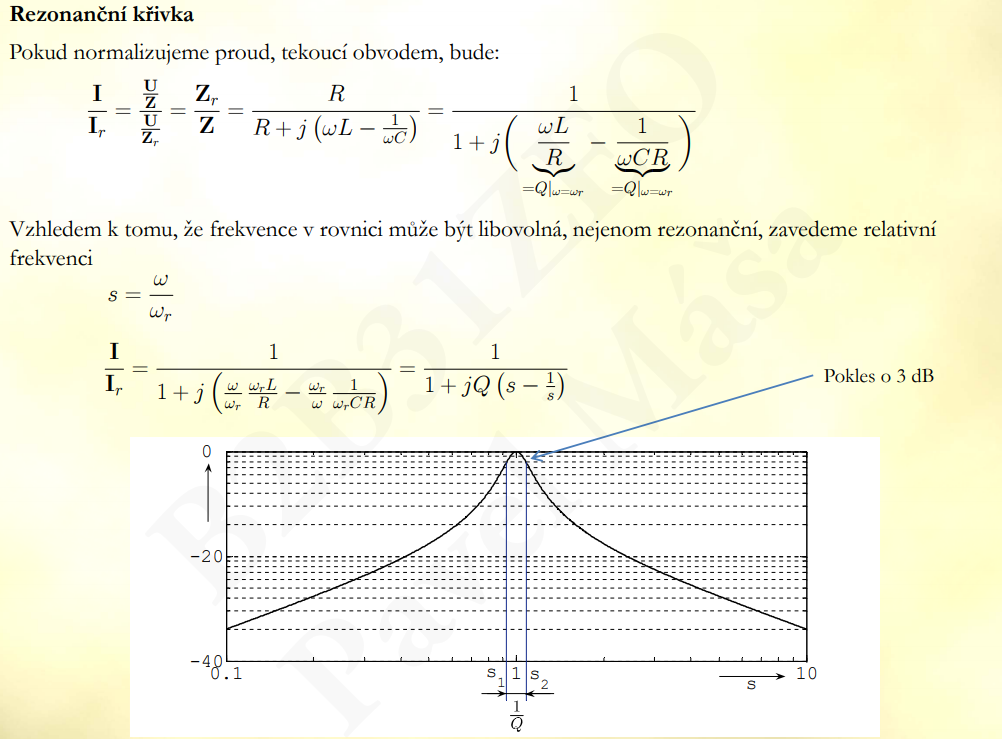
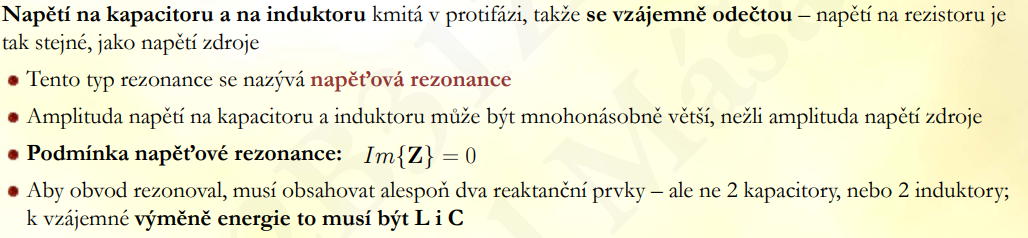


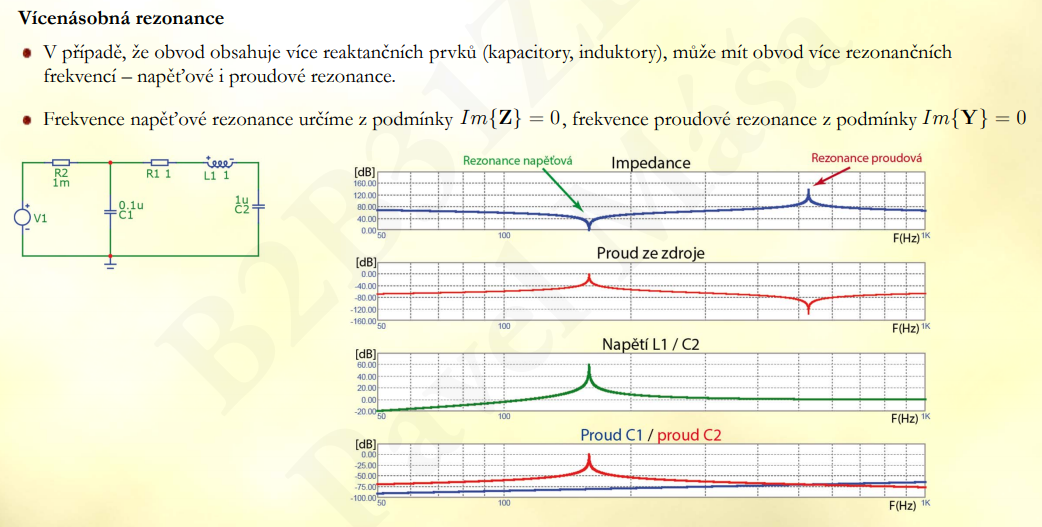
**Rezonance**



**Obvod: R L C v sérii.**

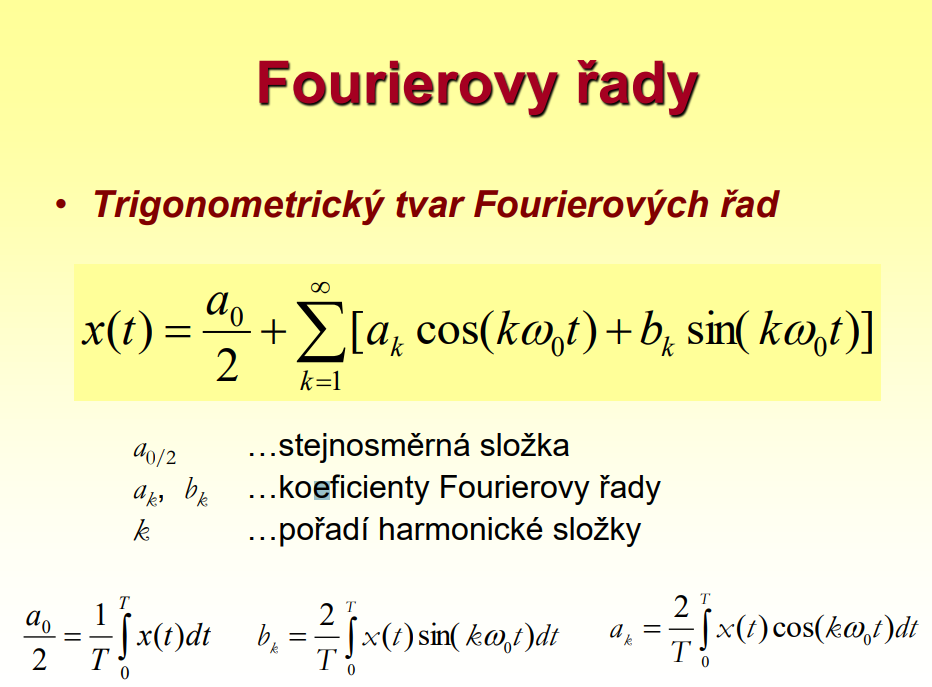


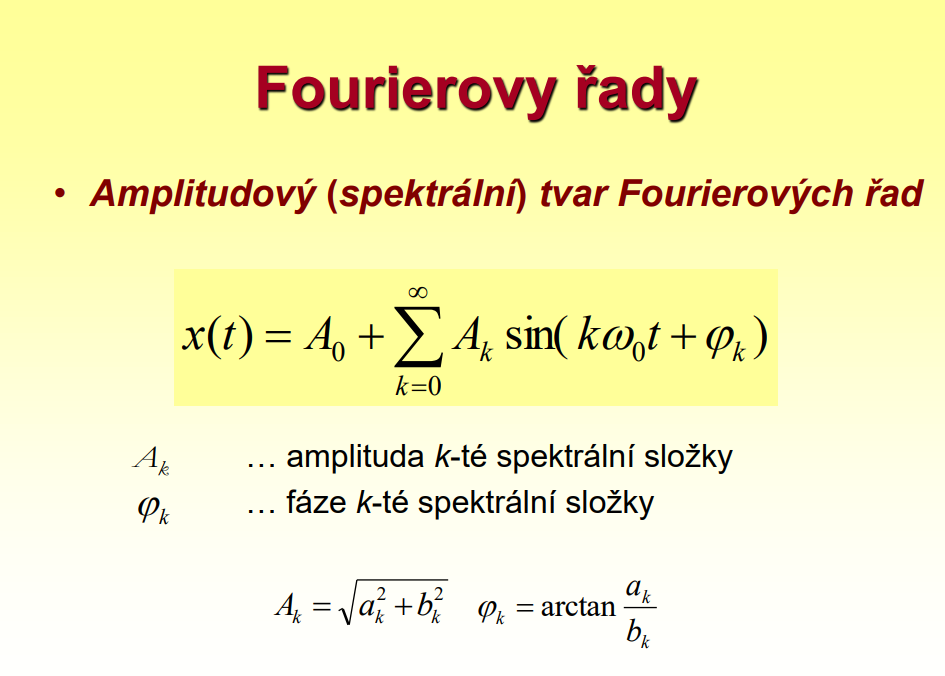


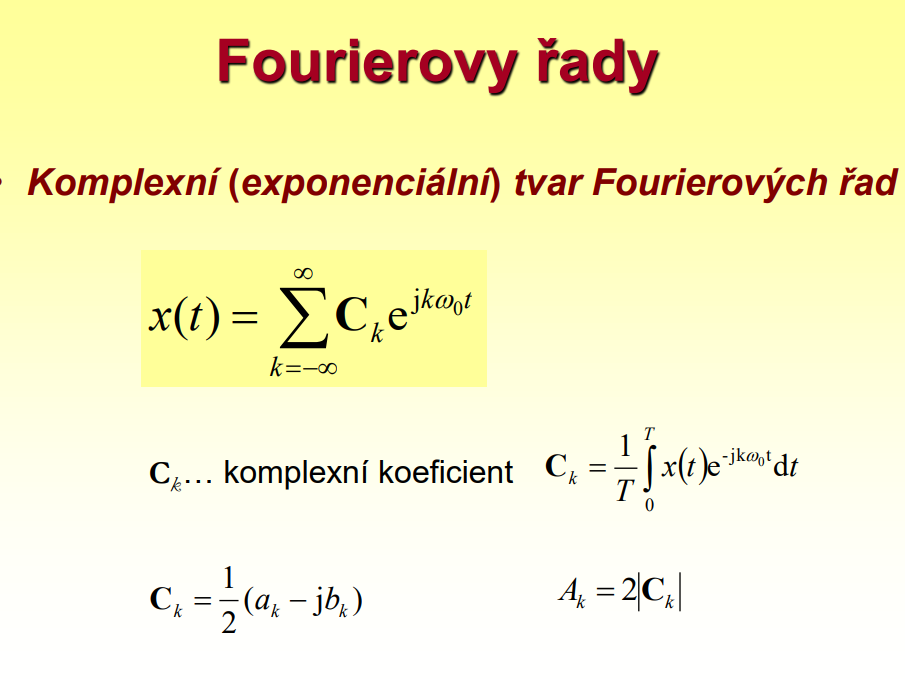


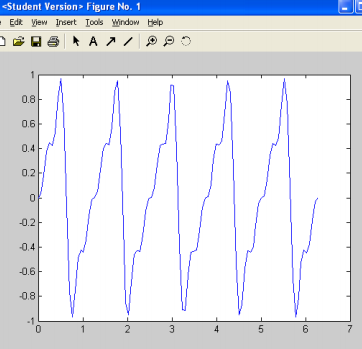
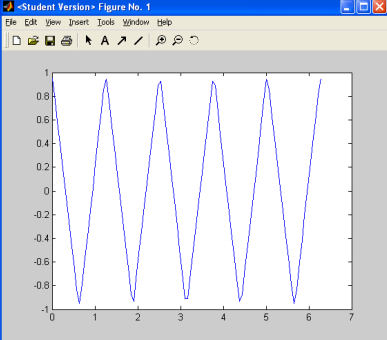
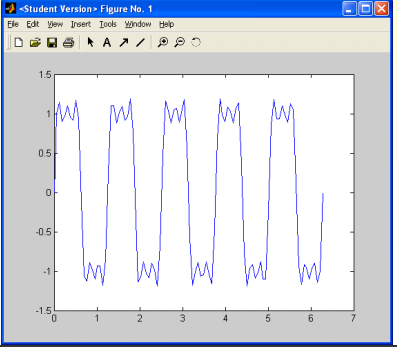
**Periodický neharmonický ustálený stav (PNUS)**

Harmonická analýza Libovolný periodický signál lze rozložit na jednotlivé harmonické složky. Harmonická syntéza Kombinací harmonických složek lze vytvořit prakticky libovolný periodický signál.





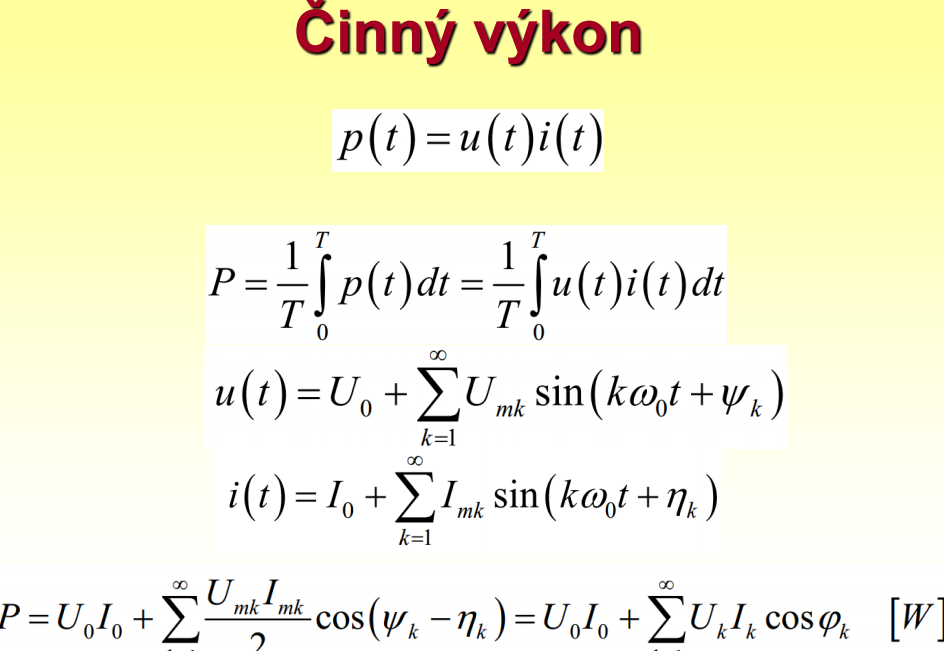




Obdélníkový průběh

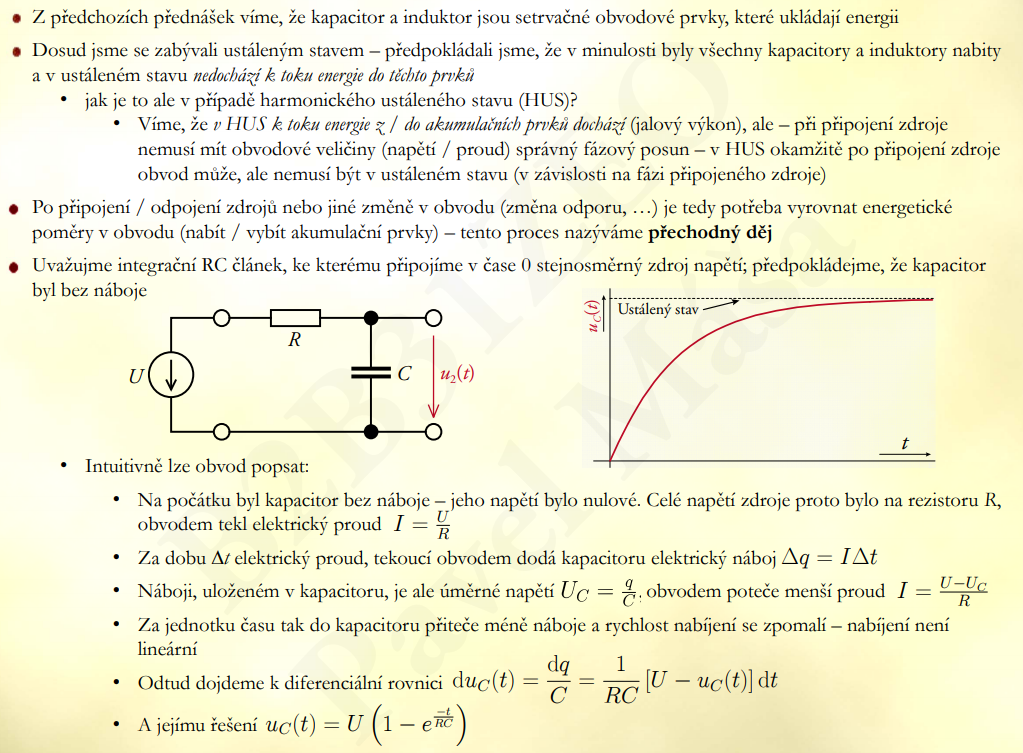
Trojúhelníkový průběh

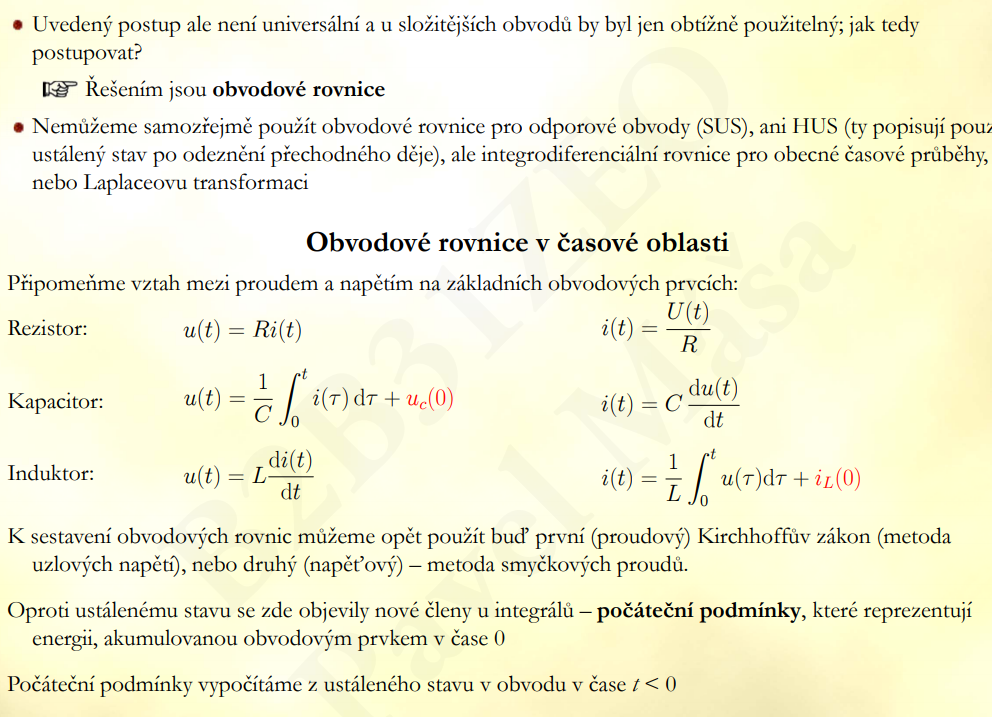
Pilový průběh

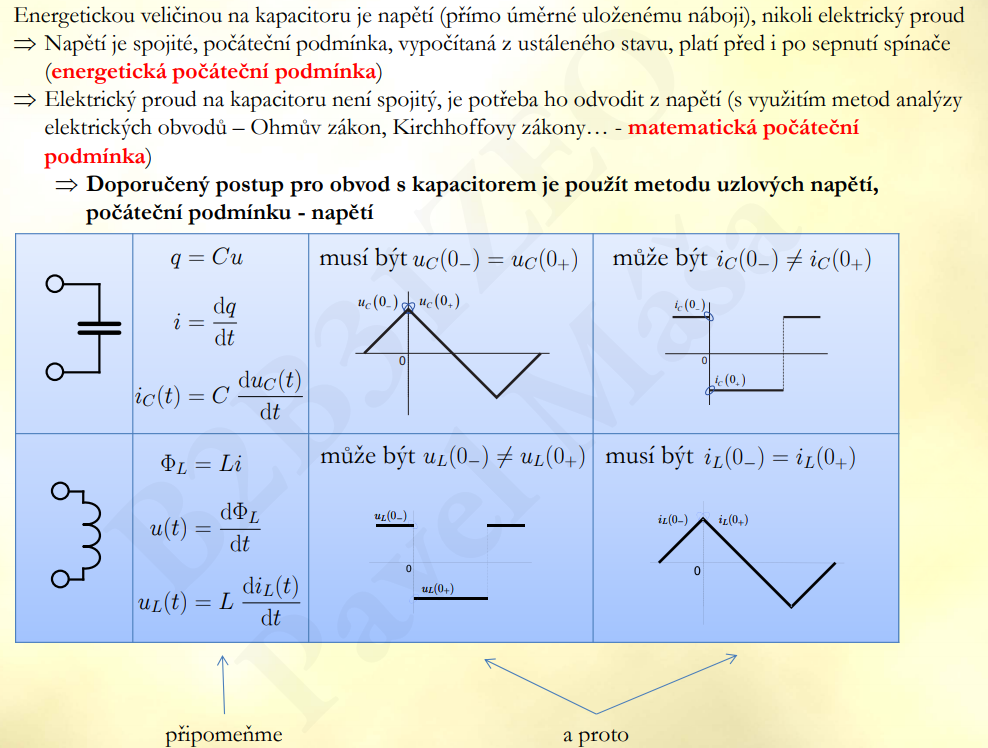




**Analýza přechodných jevů**







Příklad

