

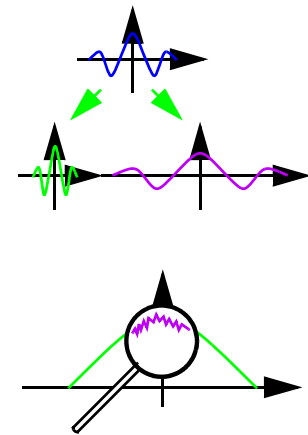
Conclusions

Wavelet framework unifies

- continuous- and discrete-time signal processing
- several techniques used in different fields of applied mathematics and engineering

Wavelet paradigm quite powerful

- from a theoretical point of view
generalizes sampling
new construction such as multiwavelets
- for current applications
best image coder is based on wavelets
- for new applications
denoising
resolution enhancement



Multiresolution and wavelets in communications

- study of interaction of source and channel coding
- heterogeneity
- time-varying channels (packet, wireless)

More on the tutorial

Book: “*Wavelets and Subband Coding*”

<http://www.fourierandwavelets.org/>

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