

relation between temporal acuity and spectral bandwidth, and second, that stimulus systems with wider bandwidth capabilities will be able to generate narrower pulsatile stimuli.

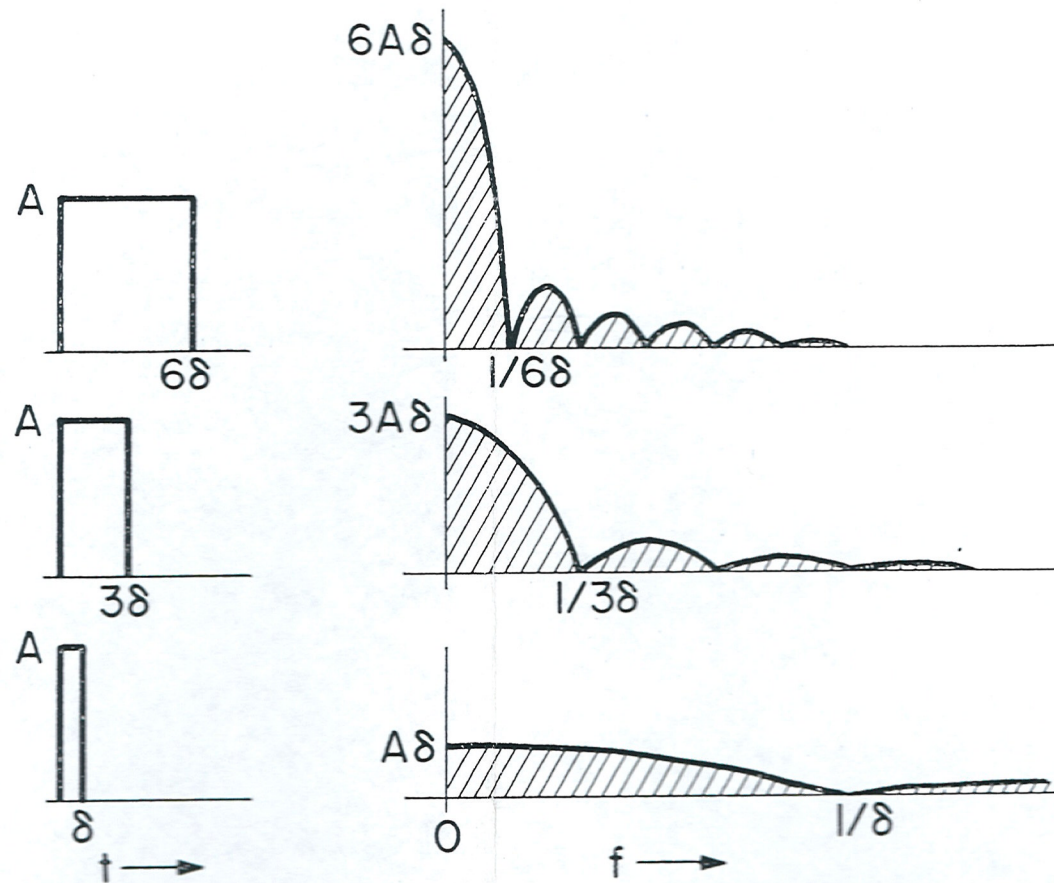


Fig. 4. Representation of the quantitative changes in signal spectra with changes in time duration of the signal

Figure 5 illustrates a relationship between the spectrum of a single transient signal and that of a periodic presentation of the transient. In such cases, the

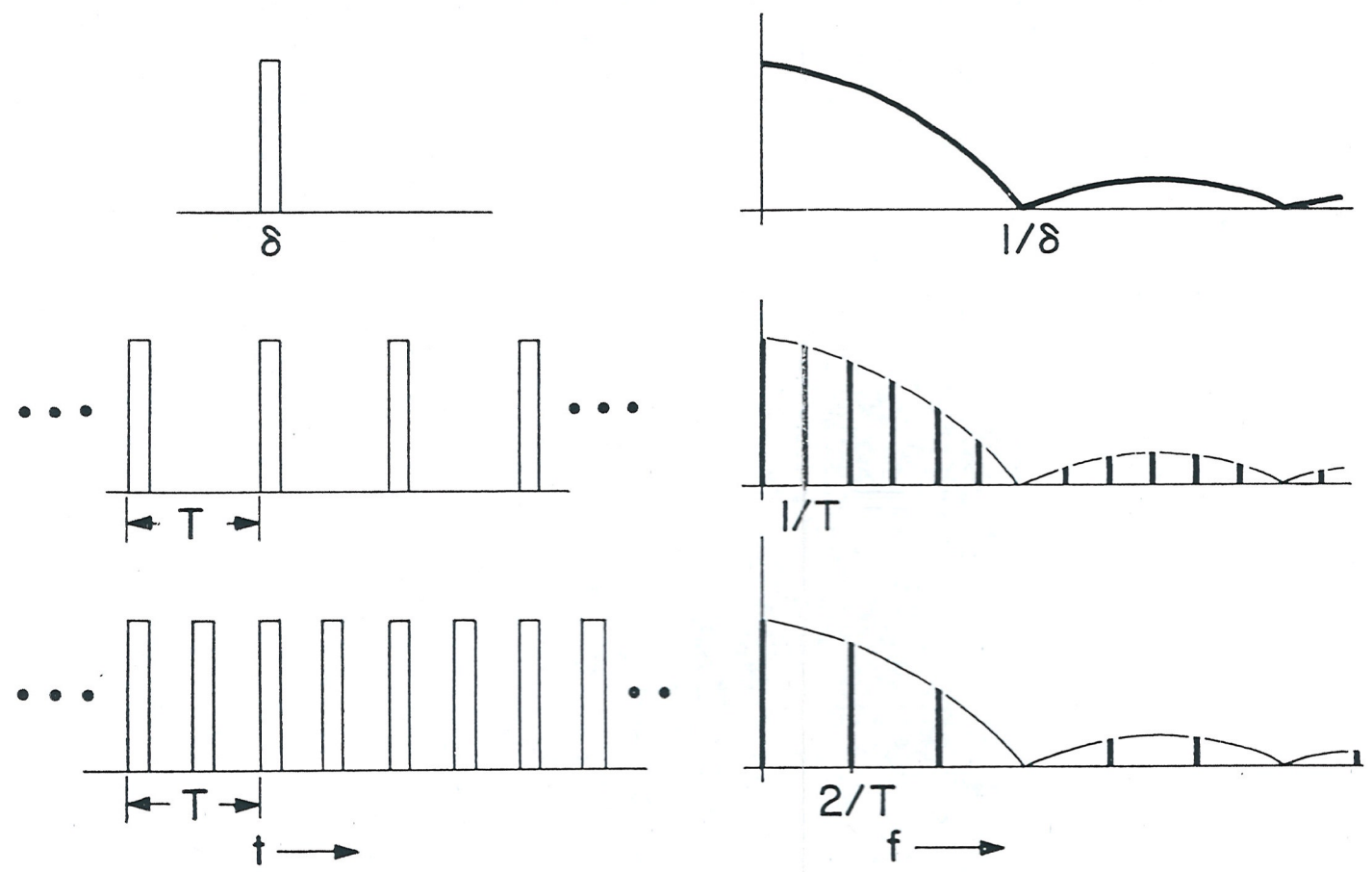
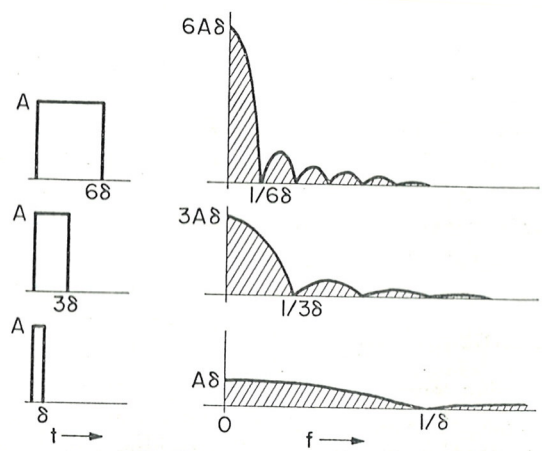


Fig. 5. Relationship between continuous spectrum of a single pulse, and the spectra of two different periodic representations of that pulse

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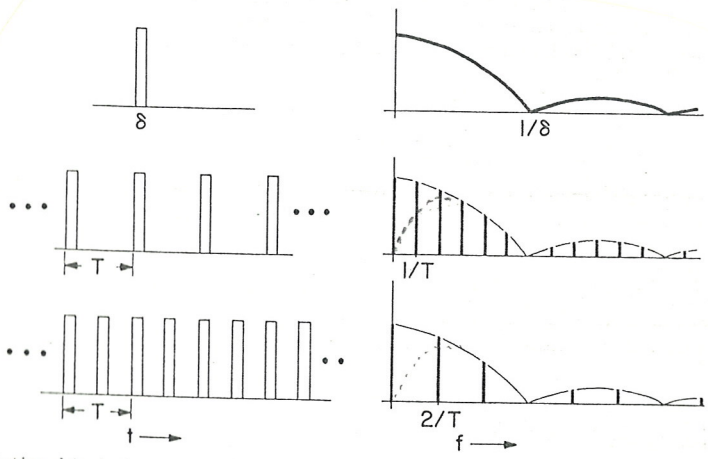
Pfeiffer, R. R., Consideration of the
in: Hdb. of Sensory Physiol. Vol. 5/1, (3rd 1974)
(Ak 5611)



Representation of the quantitative changes in signal spectra with changes in time duration of the signal

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S.15 Fig. 4



Relationship between continuous spectrum of a single pulse, and the spectra of two different periodic representations of that pulse

S.15 Fig. 5