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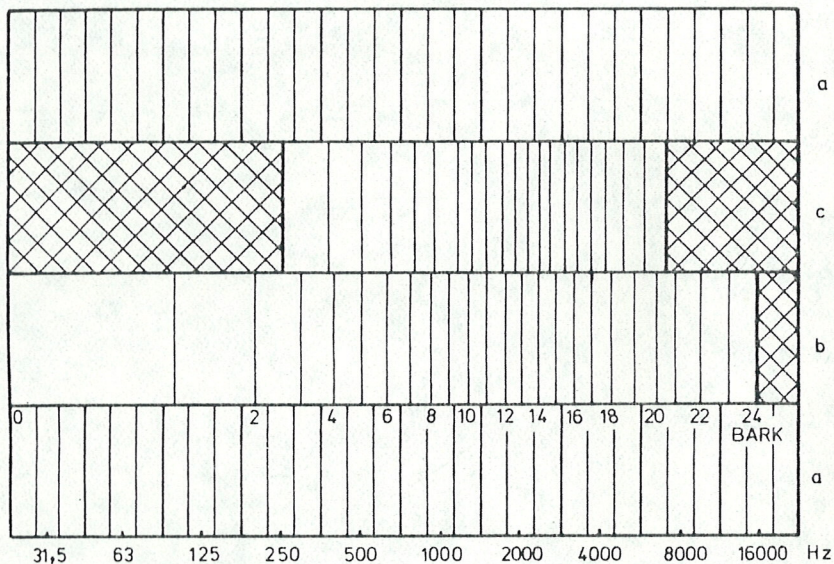


Fig. 1 Frequency-bands in the acoustical frequency-range
22,4 Hz - 22,4 kHz

- a. 30 one-third-octave frequency-bands
10 octave frequency-bands
with constant relative bandwidth according to ISO and
IEC standards, corresponding to a logarithmic frequency-
scale.
- b. 24 critical frequency-bands of human hearing, constitu-
ting the Bark-scale.
Each frequency-band corresponds to 1 Bark [1].
- c. 20 frequency-bands according to French and Steinberg,
each contributing 5% to speech-articulation [2].