

# VnV Scales

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## Theory 1/ 2019 : VnV Scales

Looking at the structure of a major scale you see a tetrachord (V: a string of intervals) - major second (n: some interval or nothing, here a major second) - and the same tetrachord again (V: here a major second, major second and a minor second). As an extension of this popular major scale I defined the **VnV scales** as follows: V (a series of positive intervals) - n (one positive interval or nothing) - V again. (V-V is also a possible outcome).

VnV Scales can have different modes (sum of all intervals).

Mode 12 is an octave scale in a chromatic 12 tone per octave setup.

VnV Scales have no note repetition. So 2 upto 12 notes scales. With my VnV\_Scale program you can find all VnV scales. There are only 10 seven tone octave (mode 12) VnV scales:

- 1,1,1-6-1,1,1 (7) mode 12 = *(also a SmS scale)*
- 1,1,2-4-1,1,2 (7) mode 12
- 1,1,3-2-1,1,3 (7) mode 12
- 1,2,1-4-1,2,1 (7) mode 12 = *(also a SmS scale)*
- 1,2,2-2-1,2,2 (7) mode 12 = Phrygian Scale
- 1,3,1-2-1,3,1 (7) mode 12 = *(also a SmS scale)*
- 2,1,1-4-2,1,1 (7) mode 12
- 2,1,2-2-2,1,2 (7) mode 12 = Dorian Scale *(also a SmS scale)*
- 2,2,1-2-2,2,1 (7) mode 12 = Major / Ionian scale
- 3,1,1-2-3,1,1 (7) mode 12

## The 10 Seven Tone Octave VnV Scales

C (1,1,1-6-1,1,1) <i>(also SmS scale)</i>	C (1,1,2-4-1,1,2)
	
5 C (1,1,3-2-1,1,3)	C (1,2,1-4-1,2,1) <i>(also SmS scale)</i>
	
9 C (1,2,2-2-1,2,2) Phrygian	C (1,3,1-2-1,3,1) <i>(also SmS and C%Db)</i>
	
13 C (2,1,1-4-2,1,1)	C (2,1,2-2-2,1,2) Dorian <i>(also SmS scale)</i>
	
17 C (2,2,1-2-2,2,1) Ionian (Major)	C (3,1,1-2-3,1,1)
	