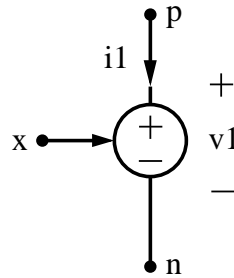


`vsrc_fm.ece`



Attributes

```
mainnodes: p n
outvar:
+ i1=cur(p)_of_v0
+ v1=v1_of_v0
main_var: x
rparms:
+ a=1
+ fc_hz=1e5
```

Description

`vsrc_fm.ece` is an FM voltage source connected between nodes `p` and `n`, the voltage being given by

$$v(t) = A \sin(\omega_c t + x(t)), \quad (1)$$

where $\omega_c = 2\pi f_c$. The real parameters `a` and `fc_hz` give the values of A and f_c , respectively.

The output variables `i1` and `v1` are the branch current and branch voltage, respectively.

AC behaviour is not implemented.