

## `d_filter_z1.gce`

### Attributes

```
mainvars: x y
rparms:
+   delt_sample=10
+   offs_sample=0
```

### Description

`d_filter_z1.gce` is a digital filter with the transfer function (with `x` as input and `y` as output),

$$H(z) = z^{-1}. \quad (1)$$

The sampling times are  $t_n = nT_s + T_0$ . The parameter `delt_sample` specifies the sampling interval ( $T_s$ ), and `offs_sample` specifies the offset ( $T_0$ ).

In AC simulation, the complex transfer function corresponding to Eq. 1 is implemented.