```
>> finiteDif9
r = 0.00000000e+00
r = 1.59578504e+00
r = 1.74669836e+00
r = 1.85498261e+00
r = 1.92182278e+00
r = 1.95835402e+00
r = Inf
r = NaN
r = NaN
r = NaN


     r = 0 as expected
>>
```