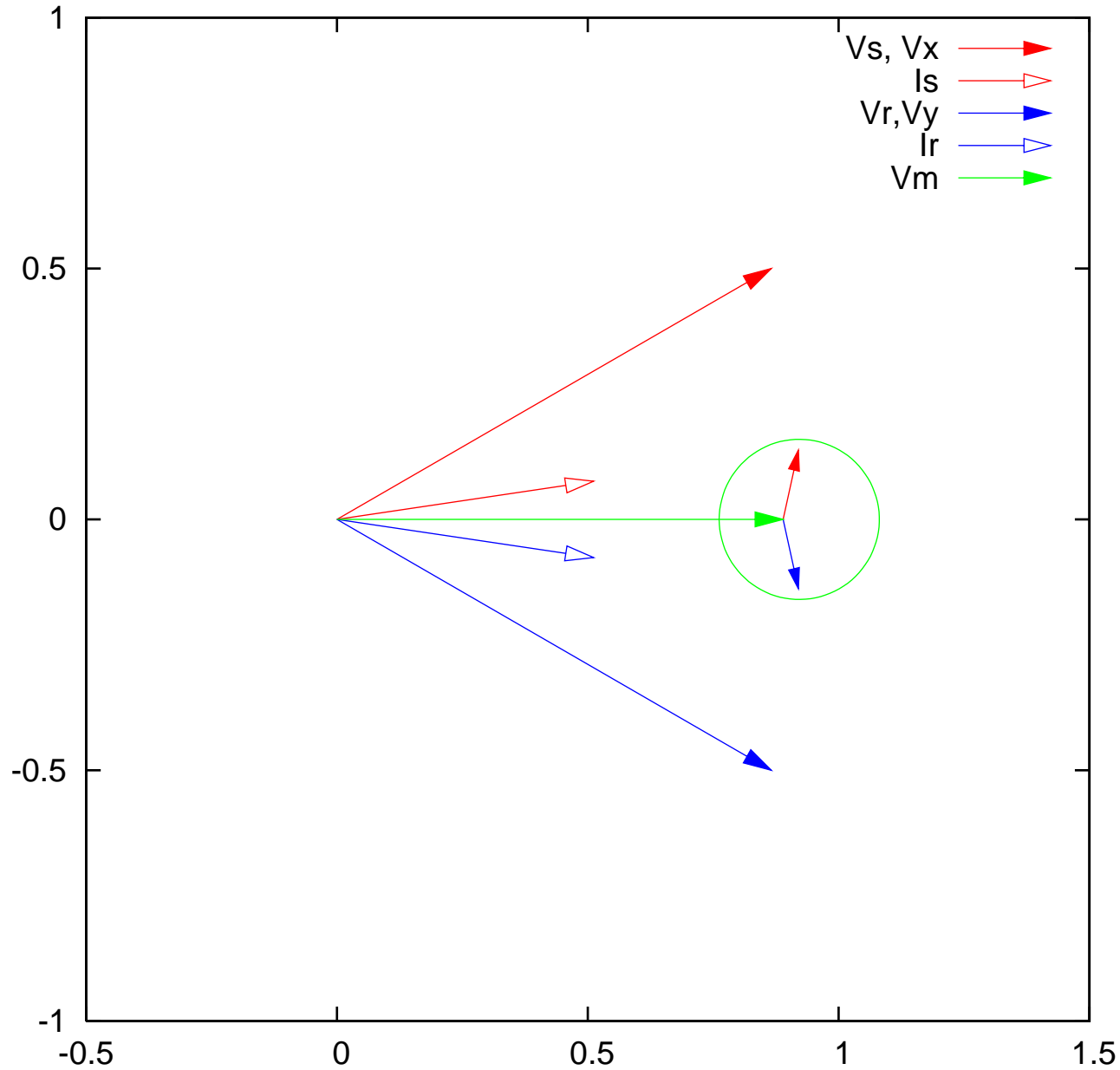


$P = 0.68 \text{ p.u.}, nBm = 4$

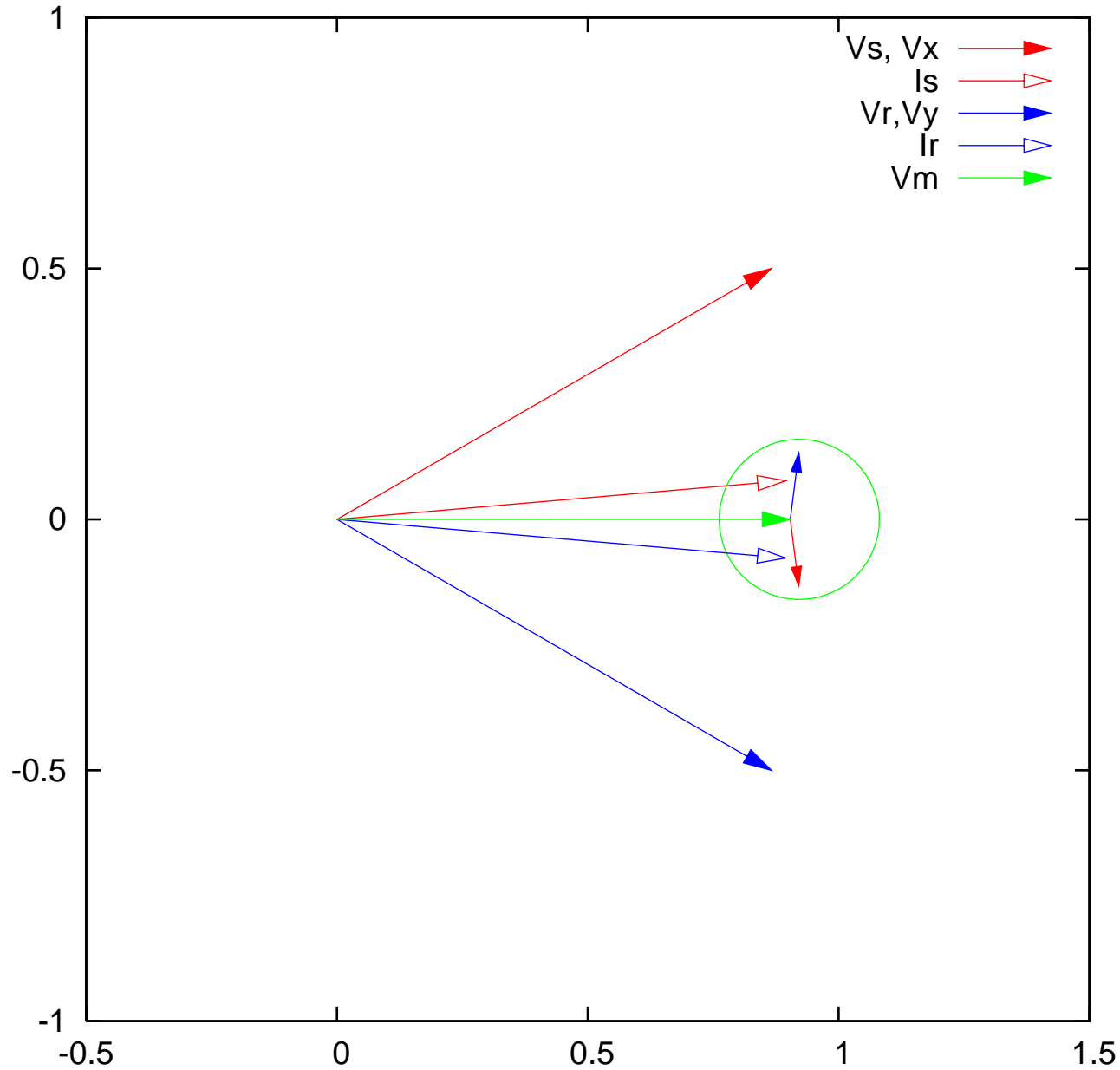


V_s, V_x
 I_s
 V_r, V_y
 I_r
 V_m

Vec	Abs	Ang
V_s	1.0000	30.0000
V_r	1.0000	-30.0000
V_m	0.8892	0.0000
V_1	0.9300	8.5560
V_2	0.9300	-8.5560
V_x	0.1417	77.5832
V_y	0.1417	-77.5832
I_s	0.5170	8.4345
I_r	0.5170	-8.4345
I_m	0.1517	90.0000

Value	Real	Imag
S_s	0.6800	0.2688
S_1	0.6800	0.0014
S_2	0.6800	-0.0014
S_r	0.6800	-0.2688
Q_m	-0.0000	-0.1907
S_x	-0.0369	-0.0968
S_y	0.0369	-0.0968

$P = 1.15 \text{ p.u.}, nBm = 4$



Vec	Abs	Ang
V_s	1.0000	30.0000
V_r	1.0000	-30.0000
V_m	0.9035	0.0000
V_1	0.9300	-8.1906
V_2	0.9300	8.1906
V_x	0.1336	-82.6859
V_y	0.1336	82.6859
I_s	0.8978	4.9238
I_r	0.8978	-4.9238
I_m	0.1541	90.0000

Value	Real	Imag
S_s	1.1500	0.5381
S_1	1.1500	-0.2679
S_2	1.1500	0.2679
S_r	1.1500	-0.5381
Q_m	-0.0000	-0.1969
S_x	-0.0071	0.1695
S_y	0.0071	0.1695