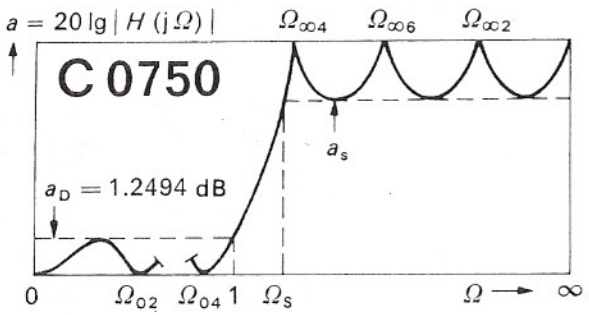

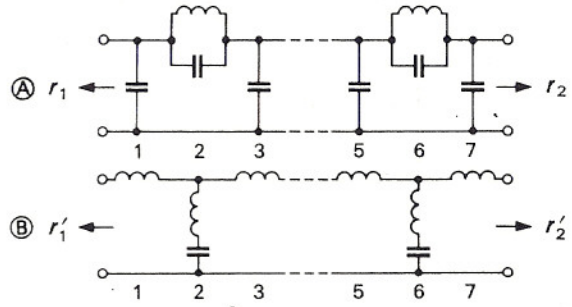

$$H(p) = C \frac{(p - \alpha_1) \prod_{\nu=2}^{4} (p^2 - 2\alpha_\nu p + \gamma_\nu)}{\prod_{\nu=1}^{3} (p^2 + \Omega_{\infty 2\nu}^2)}$$

$$\gamma_\nu = \alpha_\nu^2 + \beta_\nu^2$$

Θ	Ω_s	a_s dB	Ⓐ ν	$r_1 = 1$ $c_{2\nu-1}$	$l_{2\nu}$	$r_2 = 1$ $c_{2\nu}$	$r_1 = \infty$ $c_{2\nu-1}$	$l_{2\nu}$	$r_2 = 1$ $c_{2\nu}$	$\Omega_{\infty 2\nu}$	$\Omega_{0\nu}$	$-\alpha_\nu$	$\pm\beta_\nu$	C
P			1	0.411454	1.152867		1.440087	1.663066			0.0000000000	1.0816334003	0.0000000000	0.577350269
			2	1.665941	1.849055		1.533638	1.291719			0.0000000000	0.9745180202	0.4693031441	
			3	1.665941	1.152867		0.975338	0.606463			0.0000000000	0.6743873945	0.8456550449	
			4	0.411454			0.205727				0.0000000000	0.2406860744	1.0545145927	
T			1	2.351625	1.053194		1.767247	1.607506			0.0000000000	0.1892486737	0.0000000000	36.950417228
			2	3.297129	1.108217		2.190128	1.635410			0.4338837391	0.1705071633	0.4415851751	
			3	3.297129	1.053194		2.122869	1.454830			0.7818314825	0.1179946180	0.7957089905	
			4	2.351625			1.175812				0.9749279122	0.0421117916	0.9922328817	
40	1.555723827	86.6	1	2.267158	0.998428	0.095761	1.718377	1.531516	0.062429	3.234050487	0.0000000000	0.2163390100	0.0000000000	2245.584111243
			2	2.829664	0.849250	0.467991	1.884743	1.249748	0.318017	1.586220293	0.4810450032	0.1795653227	0.4946956400	
			3	2.659857	0.875579	0.317510	1.703920	1.177483	0.236101	1.896590528	0.8202739619	0.1037914197	0.8364424087	
			4	2.072475			0.969167				0.9807741295	0.0321729428	0.9946177800	
41	1.524253087	85.0	1	2.262499	0.995420	0.101160	1.715658	1.527318	0.065930	3.151324814	0.0000000000	0.2179097517	0.0000000000	1908.753607720
			2	2.806369	0.836622	0.495170	1.869546	1.230967	0.336540	1.553668001	0.4836864420	0.1800056068	0.4976905852	
			3	2.628362	0.866484	0.335879	1.683381	1.163266	0.250187	1.853653435	0.8222966914	0.1029878857	0.8385616638	
			4	2.058013			0.958299				0.9810674390	0.0316752038	0.9947312172	
42	1.494476550	83.4	1	2.257678	0.992309	0.106758	1.712844	1.522974	0.069559	3.072387516	0.0000000000	0.2195428450	0.0000000000	1627.467130944
			2	2.782527	0.823730	0.523480	1.853995	1.211795	0.355841	1.522850865	0.4864218924	0.1804536752	0.5007943108	
			3	2.596164	0.857150	0.354990	1.662405	1.148676	0.264896	1.812855345	0.8243771650	0.1021553598	0.8407386348	
			4	2.043154			0.947113				0.9813676337	0.0311658812	0.9948466748	
43	1.466279186	81.8	1	2.252692	0.989093	0.112564	1.709930	1.518481	0.073321	2.996968914	0.0000000000	0.2212406732	0.0000000000	1391.676080272
			2	2.758141	0.810577	0.552977	1.838091	1.192236	0.375958	1.493650827	0.4892540522	0.1809090614	0.5040100947	
			3	2.563268	0.847578	0.374878	1.640997	1.133713	0.280263	1.774048220	0.8265159702	0.1012930591	0.8429736523	
			4	2.027892			0.935604				0.9816746717	0.0306450553	0.9949640873	
44	1.439556540	80.2	1	2.247535	0.985769	0.118584	1.706913	1.513833	0.077219	2.924823532	0.0000000000	0.2230057863	0.0000000000	1193.312412843
			2	2.733210	0.797166	0.583723	1.821834	1.172296	0.396934	1.465960679	0.4921857759	0.1813712460	0.5073414063	
			3	2.529681	0.837764	0.395576	1.619162	1.118373	0.296323	1.737097533	0.8287137093	0.1004001673	0.8452670431	
			4	2.012222			0.923765				0.9819885075	0.0301128127	0.9950833861	
45	1.414213562	78.7	1	2.242202	0.982332	0.124827	1.703790	1.509025	0.081259	2.855727391	0.0000000000	0.2248409131	0.0000000000	1025.866687521
			2	2.707734	0.783500	0.615782	1.805225	1.151979	0.418815	1.439682860	0.4952200854	0.1818396483	0.5107919196	
			3	2.495406	0.827709	0.417123	1.596908	1.102654	0.313114	1.701880767	0.8309709997	0.0994758309	0.8476191291	
			4	1.996141			0.911590				0.9823090919	0.0295692465	0.9952044997	

Θ	Ω_s	a_s dB	ν Ⓑ	$l_{2\nu-1}$ $r_1' = 1$	$c_{2\nu}$	$l_{2\nu}$ $r_2' = 1$	$l_{2\nu-1}$ $r_1' = 0$	$c_{2\nu}$	$l_{2\nu}$ $r_2' = 1$	$\Omega_{\infty 2\nu}$	$\Omega_{0\nu}$	$-\alpha_\nu$	$\pm\beta_\nu$	C