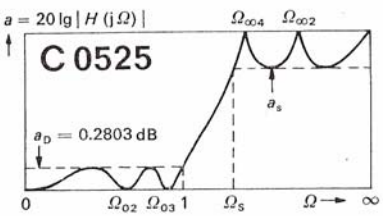

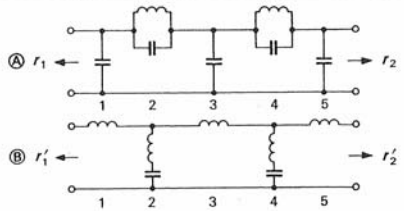

$$H(p) = C \frac{(p - \alpha_1) \prod_{\nu=2}^{3} (p^2 - 2\alpha_\nu p + \gamma_\nu)}{\prod_{\nu=1}^{2} (p^2 + \Omega_{\infty 2\nu}^2)}$$

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

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	0.471415	1.234180		1.178537	1.292450			0.0000000000	1.3110194230	0.0000000000	0.258198890
			2	1.525530	1.234180		1.054116	0.682238			0.0000000000	1.0606369931	0.7705978823	
			3	0.471415			0.235707				0.0000000000	0.4051272817	1.2468535653	
T			1	1.455904	1.306576		1.468888	1.643134			0.0000000000	0.4245017662	0.0000000000	4.131182236
			2	2.283332	1.306576		1.707307	1.377204			0.5877852523	0.3434291430	0.6385527982	
			3	1.455904			0.727952				0.9510565163	0.1311782599	1.0332001311	
18	3.236067978	86.3	1	1.433368	1.281349	0.026598	1.456820	1.617921	0.021065	5.416797510	0.0000000000	0.4372086114	0.0000000000	1312.658577800
			2	2.208555	1.233626	0.070346	1.652812	1.277449	0.067933	3.394603138	0.5974135034	0.3423554044	0.6536816957	
			3	1.391460			0.664547				0.9532978808	0.1241320051	1.0327494161	
19	3.071553487	83.9	1	1.430765	1.278441	0.029701	1.455426	1.615015	0.023511	5.131823431	0.0000000000	0.4387051993	0.0000000000	1053.296039879
			2	2.200072	1.225347	0.078653	1.646702	1.266114	0.076120	3.221164045	0.5985306252	0.3422087860	0.6554379824	
			3	1.384111			0.657240				0.9535538841	0.1233308867	1.0326921160	
20	2.923804400	81.7	1	1.428015	1.275369	0.032988	1.453952	1.611946	0.026100	4.875346566	0.0000000000	0.4402931824	0.0000000000	854.420727044
			2	2.191144	1.216631	0.087474	1.640288	1.254180	0.084855	3.065350869	0.5997121149	0.3420486819	0.6572956128	
			3	1.376368			0.649523				0.9538237302	0.1224872825	1.0326304275	
21	2.790428110	79.5	1	1.425116	1.272133	0.036460	1.452399	1.608711	0.028832	4.643294870	0.0000000000	0.4419743573	0.0000000000	699.913562685
			2	2.181773	1.207480	0.096822	1.633575	1.241648	0.094157	2.924647748	0.6009586270	0.3418741374	0.6592556187	
			3	1.368229			0.641391				0.9541074174	0.1216013326	1.0325641481	
22	2.669467163	77.4	1	1.422067	1.268731	0.040120	1.450765	1.605309	0.031709	4.432336604	0.0000000000	0.4437506473	0.0000000000	578.445764884
			2	2.171960	1.197898	0.106708	1.626568	1.228522	0.104048	2.796996367	0.6022708564	0.3416841246	0.6613190889	
			3	1.359696			0.632843				0.9544049445	0.1206731862	1.0324930645	
23	2.559304665	75.4	1	1.418868	1.265161	0.043972	1.449050	1.601739	0.034732	4.239719400	0.0000000000	0.4456241141	0.0000000000	481.919738382
			2	2.161708	1.187885	0.117147	1.619271	1.214804	0.114551	2.680696497	0.6036495399	0.3414775431	0.6634871705	
			3	1.350769			0.623874				0.9547163090	0.1197030032	1.0324169537	
24	2.458593336	73.5	1	1.415515	1.261423	0.048019	1.447253	1.597999	0.037905	4.063149555	0.0000000000	0.4475969642	0.0000000000	404.458140925
			2	2.151019	1.177443	0.128154	1.611691	1.200495	0.125693	2.574331394	0.6050954567	0.3412532146	0.6657610696	
			3	1.341447			0.614481				0.9550415076	0.1186909544	1.0323355825	
25	2.366201583	71.7	1	1.412009	1.257515	0.052264	1.445372	1.594086	0.041229	3.900700293	0.0000000000	0.4496715543	0.0000000000	341.735132992
			2	2.139897	1.166576	0.139745	1.603833	1.185601	0.137503	2.476711104	0.6066094305	0.3410098775	0.6681420512	
			3	1.331731			0.604658				0.9553805366	0.1176372218	1.0322487078	
26	2.281172033	69.9	1	1.408346	1.253435	0.056711	1.443408	1.589999	0.044706	3.750741203	0.0000000000	0.4518504036	0.0000000000	290.525842965
			2	2.128343	1.155284	0.151939	1.595705	1.170123	0.150012	2.386828852	0.6081923303	0.3407461838	0.6706314401	
			3	1.321620			0.594402				0.9557333910	0.1165419993	1.0321560763	

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