

Close coupling		Helicity decoupling			
ODD	EVEN	M = 0	M = 1	M = 2	M = 3
	-120.6940	-120.6789			
-101.4261	-101.7241		-101.4239		
	-99.4892	-99.6737			
	-81.2169	-81.2782			
-74.9033		-75.3146			
-74.9033	-74.5345		-74.8912		
-62.0784	-62.0809			-61.9295	
	-57.3418	-57.3666			
	-52.4923	-52.0936			
-51.0142	-50.7356		-51.0419		
-45.8744	-47.0541		-45.9526		
	-41.9679	-43.0735			
	-37.5326	-37.6868			
-33.5300	-33.5358			-33.4187	
	-32.0312	-31.7208			
-30.0502	-29.7764		-30.0896		
	-24.4459	-24.4162			
-18.7824	-19.7074		-18.8125		
	-15.7656	-16.2054			
	-14.7553	-14.7583			
-12.9237	-12.6408		-12.9049		
	-11.6001	-11.8087			
-8.5443	-8.5430			-8.5215	
	-5.5791	-5.5787			
	-1.9930	-1.7553			
-1.5020	-1.5020				-1.2448
	-1.2079	-1.1271			

Table 1: $J = 14$