

# Retrievals of a size parameter for phytoplankton and spectral light absorption by colored detrital matter from water-leaving radiances at SeaWiFS channels in a continental shelf region off Brazil

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## Web Appendix 1

Spectrum for normalized phytoplankton absorption coefficient (to the average value between 400 and 700 nm) used here in place of that published in Ciotti et al. 2002.

Wavelength	Pico-vector	Wavelength	Pico-vector	Wavelength	Pico-vector	Wavelength	Pico-vector
400	1.7439	482	2.0660	566	0.0304	646	0.1591
402	1.8264	484	2.0267	568	0.0320	648	0.1728
404	1.9128	486	1.9835	570	0.0331	650	0.1909
406	1.9992	488	1.9285	572	0.0347	652	0.2137
408	2.0895	490	1.8657	573	0.0355	654	0.2416
410	2.1799	492	1.7989	574	0.0363	656	0.2757
412	2.2702	494	1.7203	576	0.0382	658	0.3178
414	2.3684	496	1.6339	578	0.0401	660	0.3692
416	2.4666	498	1.5357	580	0.0416	662	0.4281
418	2.5687	500	1.4336	582	0.0428	666	0.5499
420	2.6669	502	1.3276	584	0.0432	668	0.6009
422	2.7612	504	1.2176	586	0.0432	670	0.6324
424	2.8437	506	1.1076	588	0.0432	672	0.6402
426	2.9183	508	1.0016	590	0.0424	673	0.6324
428	2.9890	510	0.8994	592	0.0416	674	0.6245
430	3.0479	512	0.8013	594	0.0408	676	0.5892
432	3.1029	514	0.7109	596	0.0408	678	0.5342
434	3.1500	516	0.6284	598	0.0424	680	0.4674
436	3.1854	518	0.5538	600	0.0452	682	0.3967
438	3.2089	520	0.4870	602	0.0503	684	0.3276
440	3.2247	522	0.4320	604	0.0562	686	0.2635
442	3.2325	524	0.3782	606	0.0628	688	0.2078
444	3.2286	526	0.3307	608	0.0695	690	0.1618
446	3.2168	528	0.2875	610	0.0758	692	0.1249
448	3.1932	530	0.2486	612	0.0821	694	0.0958
450	3.1540	532	0.2137	614	0.0880	696	0.0746
452	3.1029	534	0.1842	616	0.0939	698	0.0601
454	3.0361	536	0.1599	618	0.1002	700	0.0503
456	2.9576	538	0.1402	620	0.1060		
458	2.8712	540	0.1233	622	0.1123		
460	2.7848	542	0.1080	624	0.1178		
462	2.6944	544	0.0935	626	0.1229		
466	2.5137	546	0.0789	628	0.1261		
468	2.4273	548	0.0656	630	0.1280		
470	2.3488	550	0.0530	632	0.1288		
472	2.2781	552	0.0424	634	0.1296		
473	2.2486	554	0.0344	636	0.1308		
474	2.2192	556	0.0290	638	0.1331		
476	2.1720	558	0.0260	640	0.1371		
478	2.1328	560	0.0258	642	0.1422		
480	2.1013	562	0.0268	644	0.1493		