Table 1: Ordinary and Cubic Zeeman Effects

B-Field [T]	$m_s = \downarrow\, m_I = \downarrow$	$m_s = \uparrow\, m_I = \downarrow$	$m_s = \downarrow\, m_I = \uparrow$	$m_s = \uparrow\, m_I = \uparrow$
1.45	$-1.224\,159\,94$	$0.225\,840\,06$	$-1.225\,840\,06$	$0.224\,159\,94$
	$-1.224\,159\,92$	$0.225\,840\,03$	$-1.225\,840\,03$	$0.224\,159\,92$
5.70	$-3.346\,697\,71$	$2.353\,302\,29$	$-3.353\,302\,29$	$2.346\,697\,71$
	$-3.346\,696\,12$	$2.353\,300\,7$	$-3.353\,300\,7$	$2.346\,696\,12$
11.7	$-6.343\,221\,62$	$5.356\,778\,38$	$-6.356\,778\,38$	$5.343\,221\,62$
	$-6.343\,207\,86$	$5.356\,764\,62$	$-6.356\,764\,62$	$5.343\,207\,86$
45.5	$-23.223\,639\,64$	$22.276\,360\,36$	$-23.276\,360\,36$	$22.223\,639\,64$
	$-23.222\,830\,16$	$22.275\,550\,88$	$-23.275\,550\,88$	$22.222\,830\,16$