Cooper and Verner method

$$p = 8$$
 $s = 11$

0											
$\frac{1}{2}$	$\frac{1}{2}$										
$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$									
$\frac{7+\sqrt{21}}{14}$	$\frac{1}{7}$	$\frac{-7 - 3\sqrt{21}}{98}$	$\frac{21+5\sqrt{21}}{49}$								
$\frac{7+\sqrt{21}}{14}$	$\frac{11+\sqrt{21}}{84}$	0	$\frac{18+4\sqrt{21}}{63}$	$\frac{21-\sqrt{21}}{252}$							
$\frac{1}{2}$	$\frac{5+\sqrt{21}}{48}$	0	$\frac{9+\sqrt{21}}{36}$	$\frac{-231 + 14\sqrt{21}}{360}$	$\frac{63-7\sqrt{21}}{80}$						
$\frac{7-\sqrt{21}}{14}$	$\frac{10-\sqrt{21}}{42}$	0	$\frac{-432+92\sqrt{21}}{315}$	$\frac{633-145\sqrt{21}}{90}$	$\frac{-504 + 115\sqrt{21}}{70}$	$\frac{63-13\sqrt{21}}{35}$					
$\frac{7-\sqrt{21}}{14}$	$\frac{1}{14}$	0	0	0	$\frac{14 - 3\sqrt{21}}{126}$	$\frac{13 - 3\sqrt{21}}{63}$	$\frac{1}{9}$				
$\frac{1}{2}$	$\frac{1}{32}$	0	0	0	$\frac{91-21\sqrt{21}}{576}$	$\frac{11}{72}$	$\frac{-385 - 75\sqrt{21}}{1152}$	$\frac{63+13\sqrt{21}}{128}$			
$\frac{7+\sqrt{21}}{14}$	$\frac{1}{14}$	0	0	0	$\frac{1}{9}$	$\frac{-733 - 147\sqrt{21}}{2205}$	$\frac{515+111\sqrt{21}}{504}$	$\frac{-51-11\sqrt{21}}{56}$	$\frac{132 + 28\sqrt{21}}{245}$		
1	0	0	0	0	$\frac{-42+7\sqrt{21}}{18}$	$\frac{-18+28\sqrt{21}}{45}$	$\frac{-273 - 53\sqrt{21}}{72}$	$\frac{301+53\sqrt{21}}{72}$	$\tfrac{28-28\sqrt{21}}{45}$	$\frac{49-7\sqrt{21}}{18}$	
	$\frac{1}{20}$	0	0	0	0	0	0	$\frac{49}{180}$	$\frac{16}{45}$	$\frac{49}{180}$	$\frac{1}{20}$