

Das dipolare Alphabet $H_D = \square_D \{A + B + C + D + E + F\}$

$$A = + (1 - 3 \cos^2 \theta) I_{1z} I_{2z}$$

$$B = \square \frac{1}{4} (1 - 3 \cos^2 \theta) (I_{1+} I_{2-} + I_{1-} I_{2+})$$

$$C = \square \frac{3}{2} \sin \theta \cos \theta e^{-i\phi} (I_{1z} I_{2+} + I_{1+} I_{2z})$$

$$D = \square \frac{3}{2} \sin \theta \cos \theta e^{i\phi} (I_{1z} I_{2-} + I_{1-} I_{2z})$$

$$E = \square \frac{3}{4} \sin^2 \theta e^{-2i\phi} I_{1+} I_{2+}$$

$$F = \square \frac{3}{4} \sin^2 \theta e^{2i\phi} I_{1-} I_{2-}$$

$A = \frac{1}{4} (1 - 3 \cos^2 \theta)$	1	0	0	0
	0	-1	0	0
$B = \frac{1}{4} (1 - 3 \cos^2 \theta)$	0	0	-1	0
	0	0	0	1
$B = \frac{1}{4} (1 - 3 \cos^2 \theta)$	0	0	0	0
	0	0	-1	0
$B = \frac{1}{4} (1 - 3 \cos^2 \theta)$	0	-1	0	0
	0	0	0	0