Hamilton

$$\{abc\} = (U_{a+c} - U_a - U_c)(b)$$

$$[x, y] = xy - yx$$

Cauchy

$$dx_1 \wedge \cdots \wedge dx_s$$

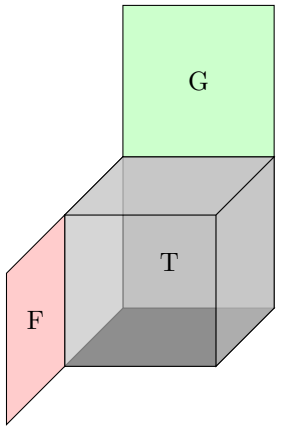
Gauss

$$\begin{bmatrix} 1 & 1 \\ 1 & -1 \end{bmatrix} \otimes \begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$$

Ricci

$\frac{1}{\sqrt{2}}\langle 00| + \langle 11|$

Levi-Civita


G
T
F

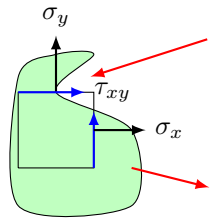
Whitney

$$R^{j_1 \dots j_t}_{i_1 \dots i_s}$$

Dieudonné

r	c	v
1	5	0.7
101	12	-1.1
8	50	-9
$\vdots$	$\vdots$	$\vdots$

Dirac


σ_y
τ_{xy}
σ_x

Kronecker

$$◖ \mathfrak{sl}_3(\mathbb{C}) ◗ \cong \mathbb{C}^2$$

$$A \otimes B$$

$$R(u,v)w = \nabla_u \nabla_v w - \nabla_v \nabla_u w - \nabla_{[u,v]} w$$

MacCullagh


2 6 1 2 8 7
2 6 1 2 8 7
0 0 5 2 3 0 4 3 5
7 0 5 4 3 5
4 0 2 0 3 4 9 9 2
8 0 1 9 9 2
2 0 7 2 3 0 0 9 7
7 3 7 0 9 7
9 0 8 2 3 1 7 3 6
1 8 8 7 3 6
1 0 1 4 3 0