



The diagram illustrates the equation  $M = \frac{1}{\sqrt{\Sigma^+}} U^\dagger C(t) U \frac{1}{\sqrt{\Sigma^+}}$  using a series of colored blocks:

- Matrix M:** A large square block with a red top half and a gray bottom half.
- Equality:** A black equals sign.
- First Factor:** A square block with a red border containing the expression  $\frac{1}{\sqrt{\Sigma^+}}$ . The top half is white with a diagonal sequence of red squares, and the bottom half is white.
- Matrix U†:** A square block with horizontal red and light red stripes, containing the symbol  $U^\dagger$ .
- Matrix C(t):** A gray square block containing the expression  $C(t)$ .
- Matrix U:** A square block with vertical red and light red stripes, containing the symbol  $U$ .
- Second Factor:** A square block with a red border containing the expression  $\frac{1}{\sqrt{\Sigma^+}}$ . The top half is white with a diagonal sequence of red squares, and the bottom half is white.

$$M = \frac{1}{\sqrt{\Sigma^+}} U^\dagger C(t) U \frac{1}{\sqrt{\Sigma^+}}$$