

Asymptotic Sym.

Vacuum
transition

Ward
identity

IR

Memory
effects

Fourier
transform

Soft
Theorems

↓ Examples

Symmetries

Grav.
displacements

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Super translations
at $\rightarrow \infty$

Black hole

at \rightarrow horizon

The "soft hair" proposal

e.g. 1810.01847

Electric/color/...

"Large" gauge symmetries