

Liquid-Crystal Notation

Please note the style followed in *Physical Review A* and *Physical Review E* for liquid-crystal notation.

The following abbreviations are standard for liquid-crystal phases. (They should be defined at first appearance in text.)

smectic-A, Sm-A
isotropic, *I*
lamellar, *L*
hexagonal, *H*
hexatic, Hex
nematic, *N*
crystalline, Cry

“Smectic” must be an adjective in the title and the first occurrence in text. “Smectics” as a noun is acceptable later in the manuscript.

The word “nematogen” is not printed and should be replaced by “nematic liquid crystal.”

Nematogen \longrightarrow nematic liquid crystal

Transitions with long arrows and temperatures have the temperature printed in minileters below the arrows:

Sm-A \longleftrightarrow $_{500\text{ }^{\circ}\text{C}}$ *I* \longleftrightarrow $_{520\text{ }^{\circ}\text{C}}$ crystal