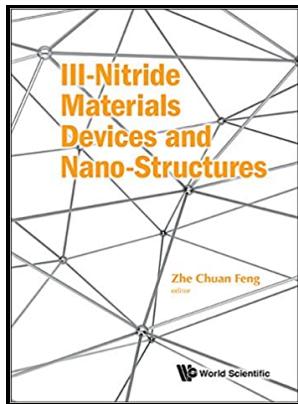


# Properties of group III nitrides

**INSPEC, Institution of Electrical Engineers - Group**



Description: -

- Bodenstedt, Friedrich, -- 1819-1892.

Songs -- Texts.

Musicians in art -- Exhibitions.

Valley, John B. -- Exhibitions.

Nitrides.Properties of group III nitrides

- EMIS datareviews series -- no. 11.Properties of group III nitrides

Notes: Includes bibliographical references and index.

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Tags: #Group

**satis.farmjournal.com: Properties of Group III Nitrides (EMIS DATAREVIEWS SERIES) (9780852968185): Edgar, James H.: Books**

Band parameters for III-V compound semiconductors and their alloys.

## III Nitride Materials

They have long been of interest for implementation in applications ranging from high-power transistors to a solid-state replacement for traditional lighting.

## Group

Other transition metals in group-IIIA are rather more exotic and include some radioactive elements: lanthanum La, lutetium Lu, actinium Ac and lawrencium Lr. The basal plane lattice parameter the edge length of the basal plane hexagon is universally depicted by  $a$  and the axial lattice parameter, perpendicular to the basal plane, is universally described by  $c$ . Strained hexagonal ScN: A material with unusual structural and optical properties.

## Physical properties of III

Epitaxial layers composing GaN-based devices are monocrystals.

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