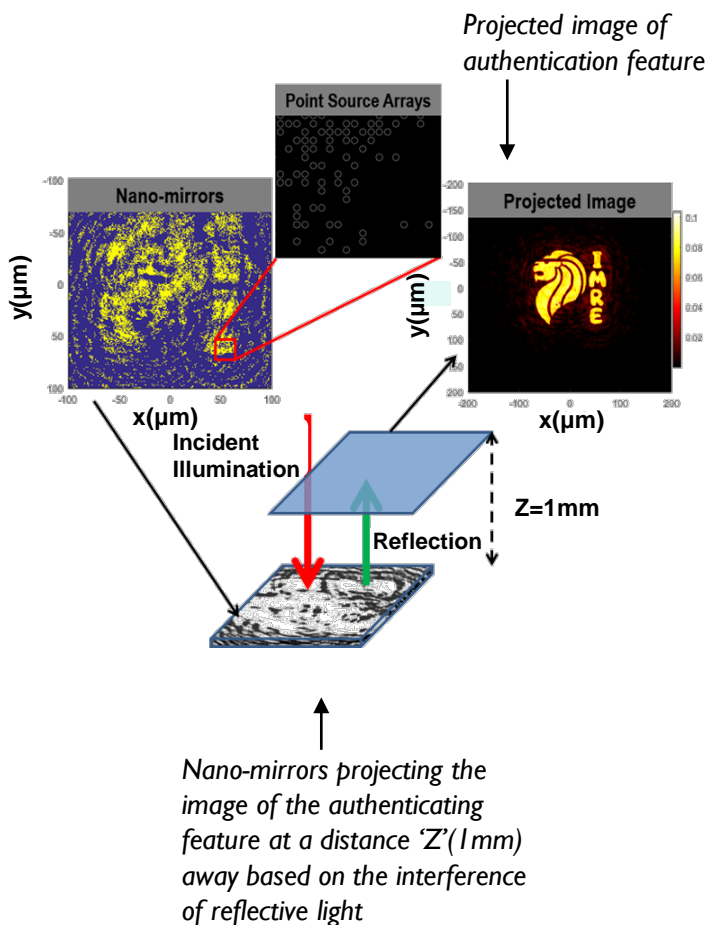




Science behind the Technology



Addressing ...

- the complicated authentication of security features
- ineffective and easily replicable security features which may also affect the aesthetics of products

Key Features

- Employs nanomirror-like structures that are hard to replicate
- Allows seamless incorporation into products without affecting aesthetics
- Enables straightforward inspection, e.g., a simple laser pointer will illuminate and project the hologram feature to a visible centimetre-scale
- Involves a cost-effective process to fabricate the dot-like holographic tag (the security feature)

Potential Applications

- Authentication features on banknotes
- Security tags for trademarks for high-end products and luxury goods

Collaboration Opportunities

- Development of technology for targeted applications
- Product development

Reference

- Huang K, Liu H, Si GY, Wang Q, Lin J, Teng JH. Photon-nanosieve for ultrabroadband and large-angle-of-view holograms. *Laser & Photonics Reviews*. 2017;11(3).

