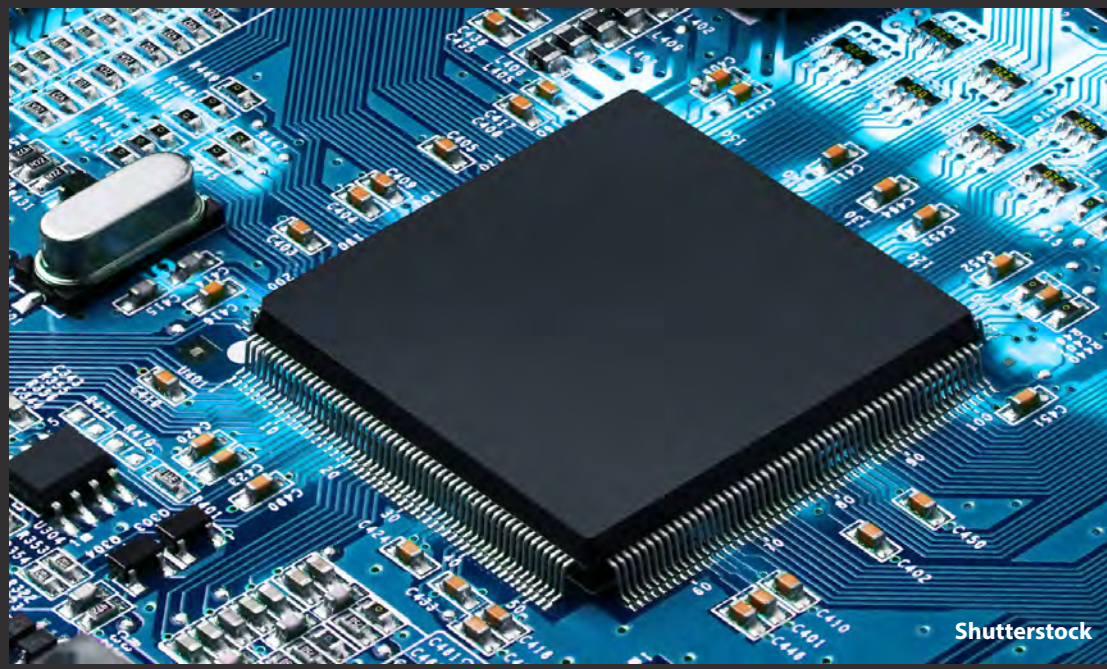
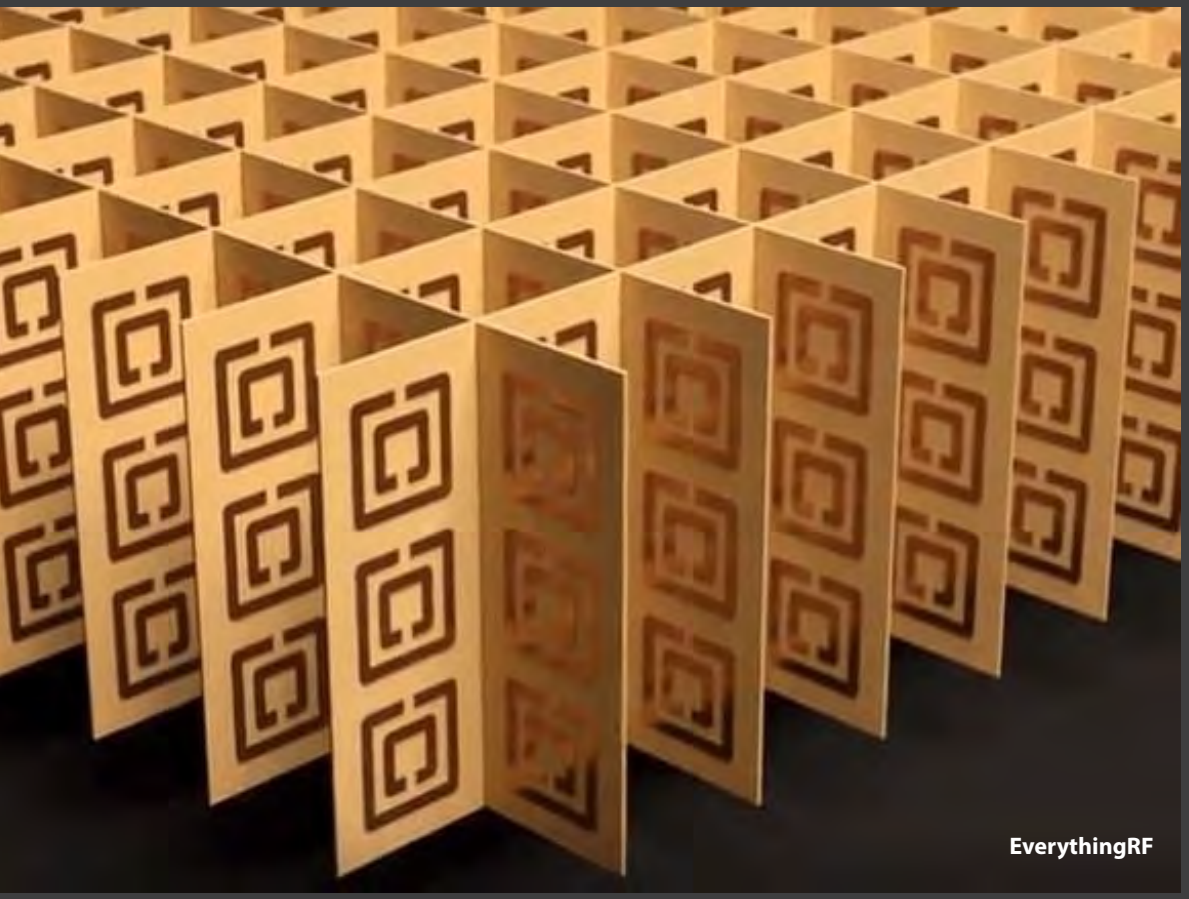
sea ice

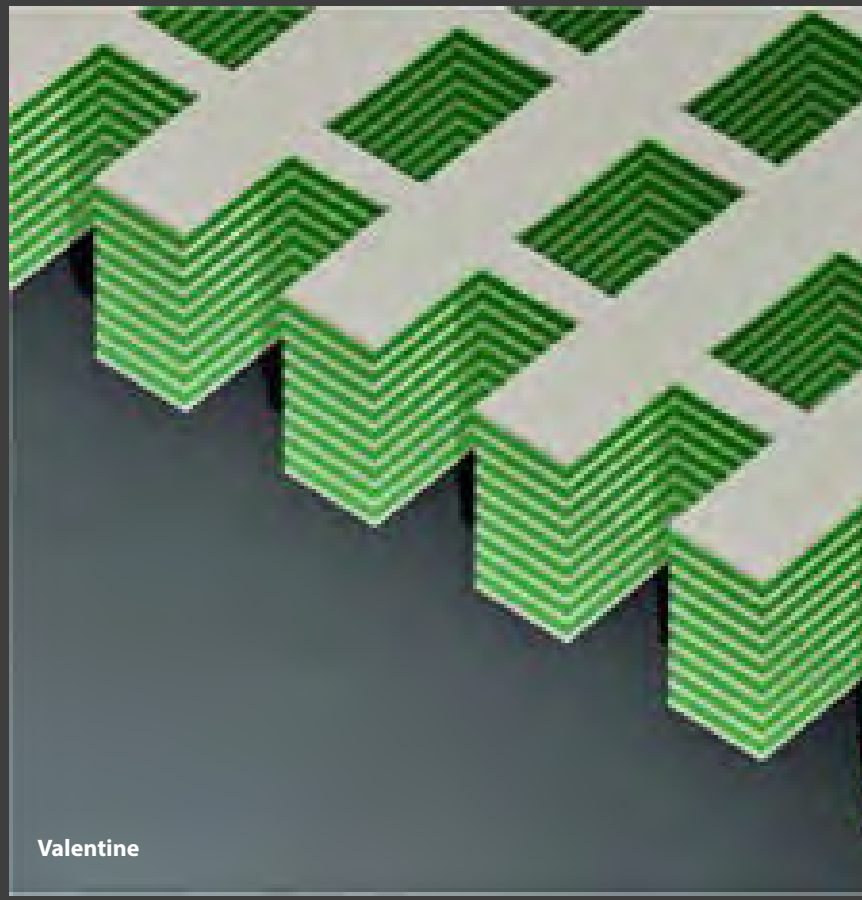
semiconductor



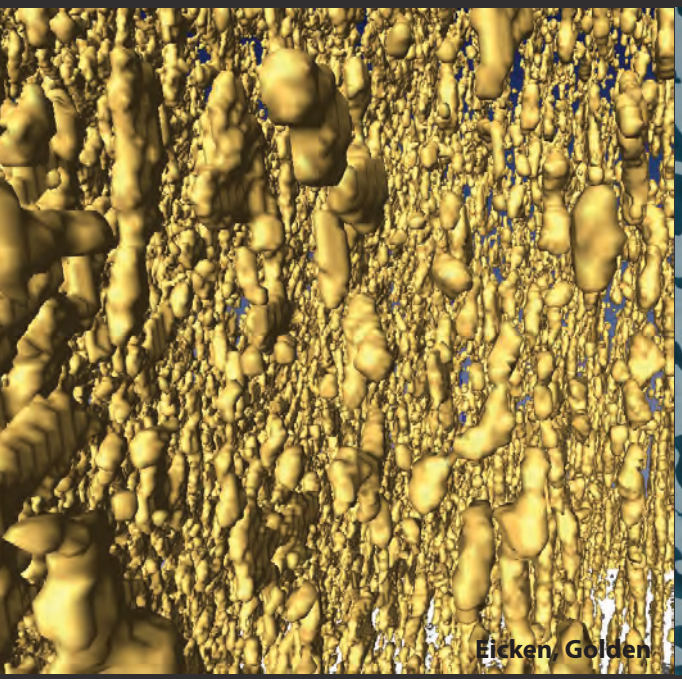
invisibility cloak

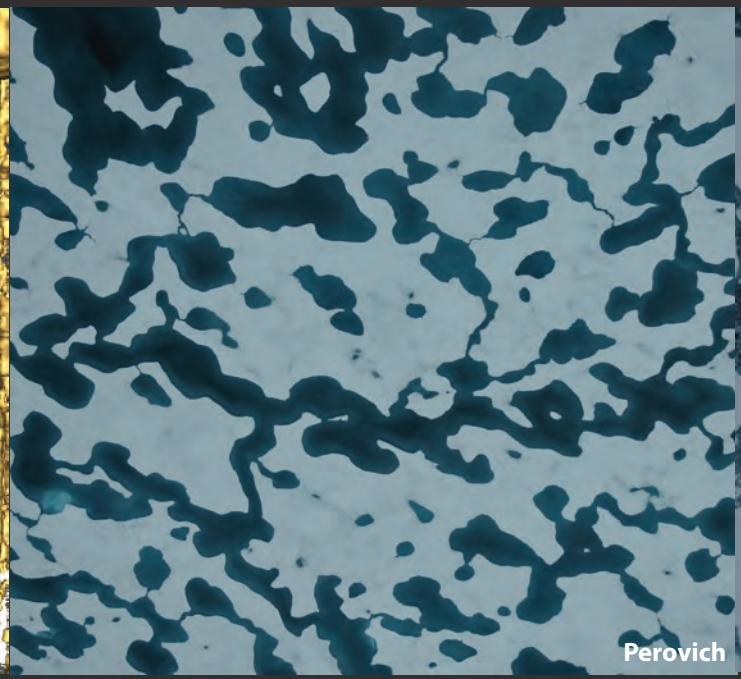
metamaterials

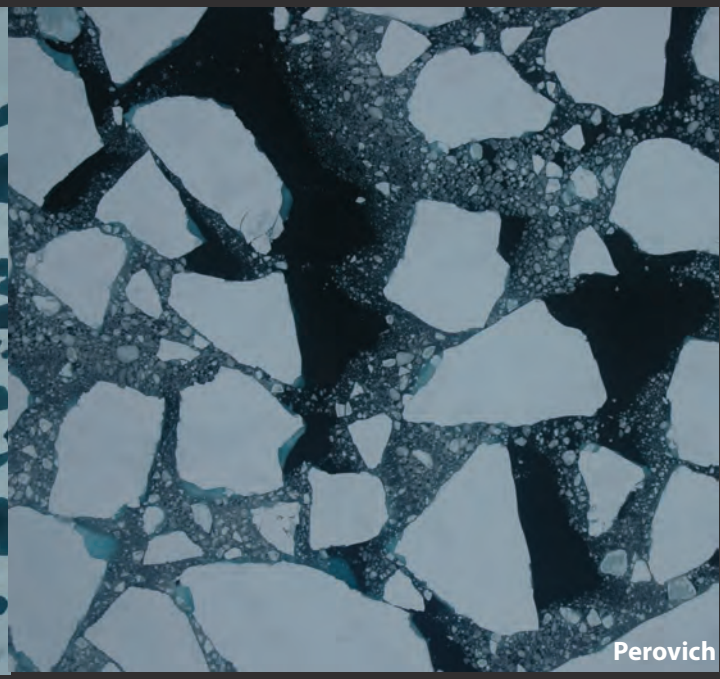




Sea ice is a multiscale composite material.



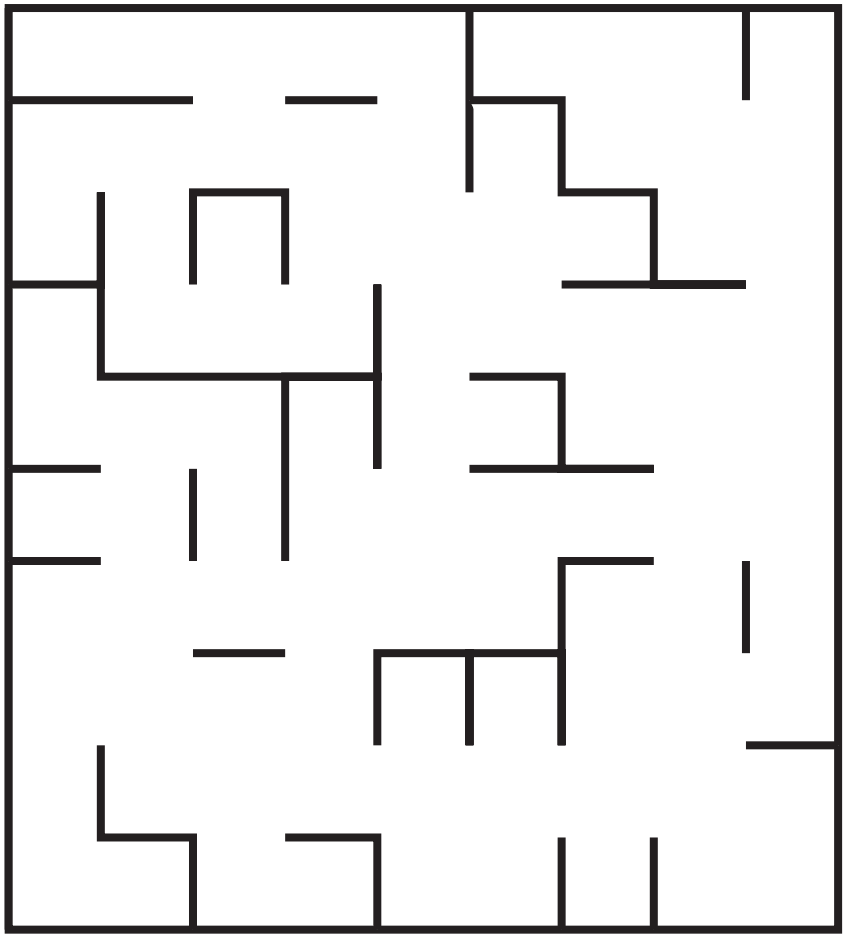




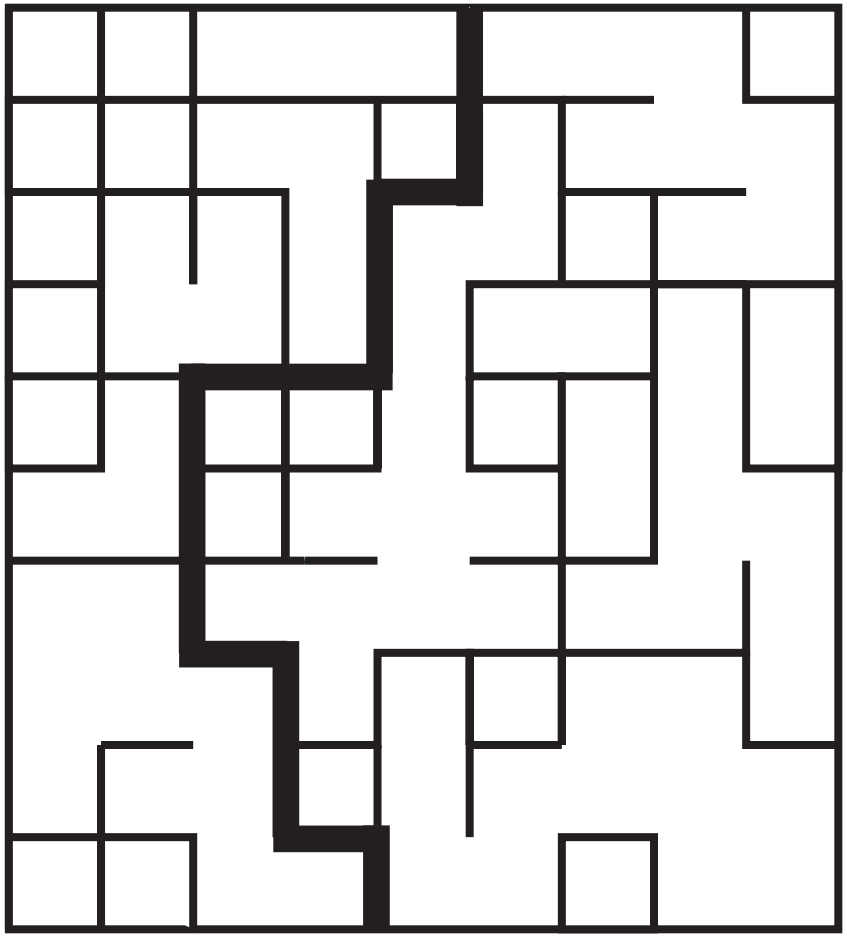
micro meso macro

Weddell Sea, Antarctica

percolation model



$p = 1/3$

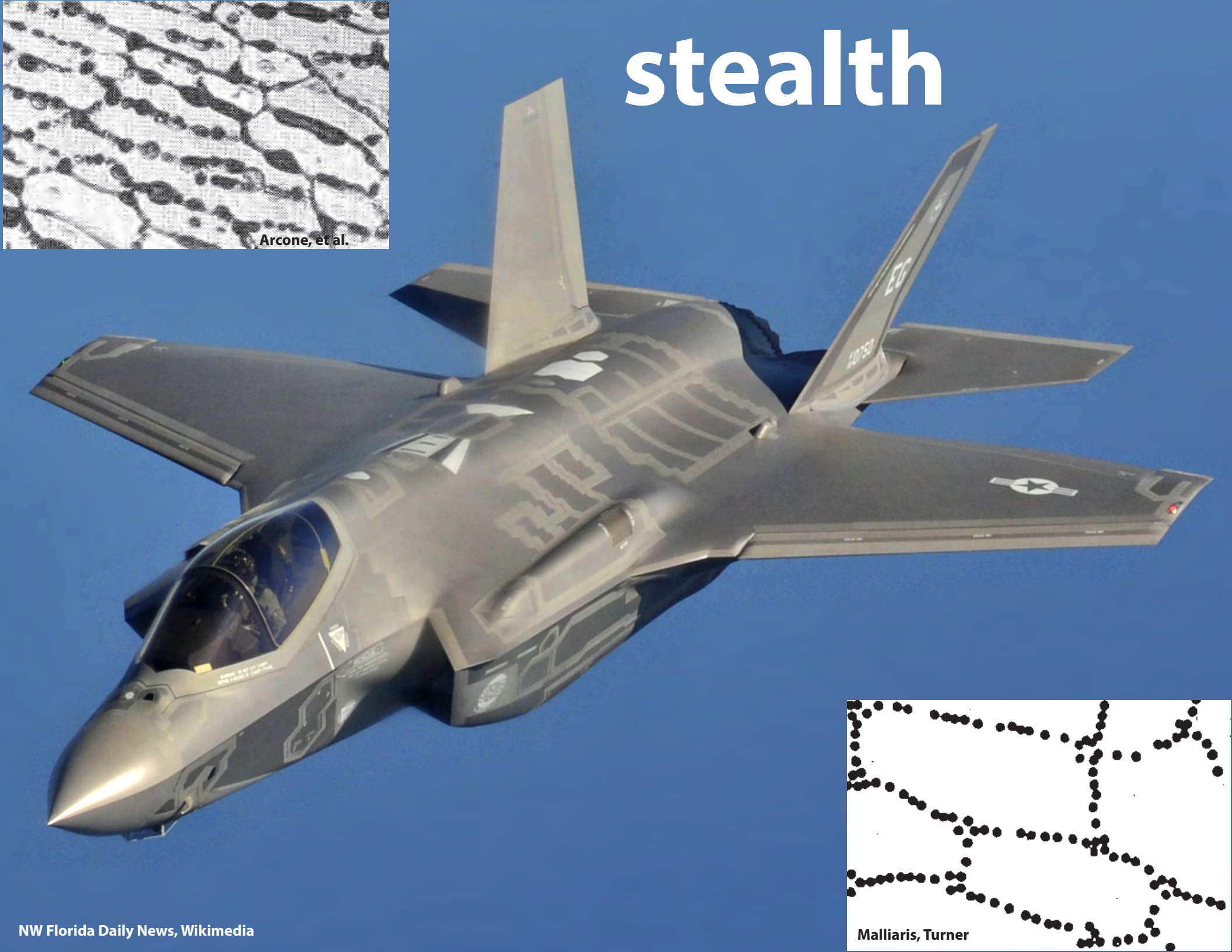


$p = 2/3$

$p_c = ?$

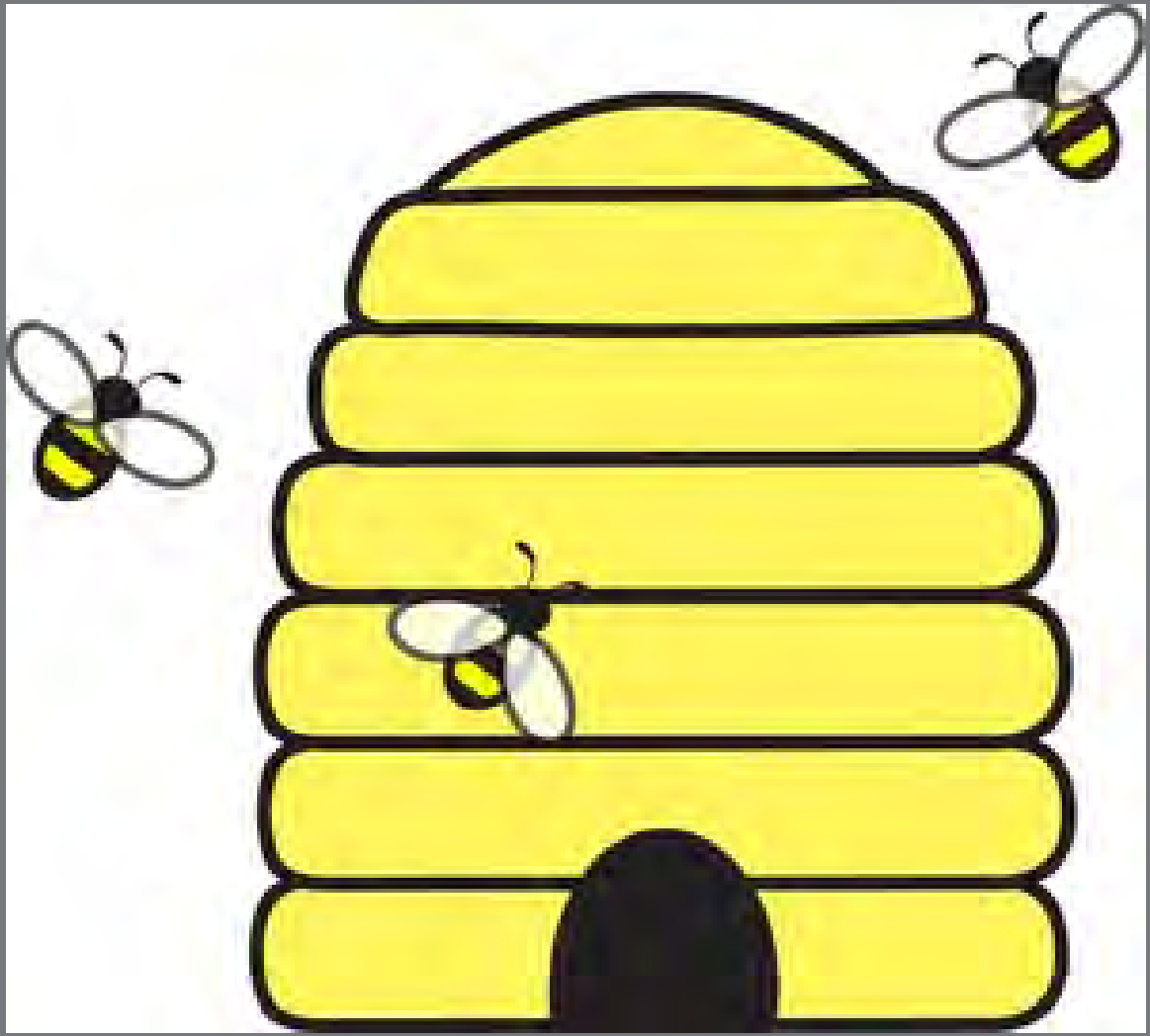
Torquato

stealth

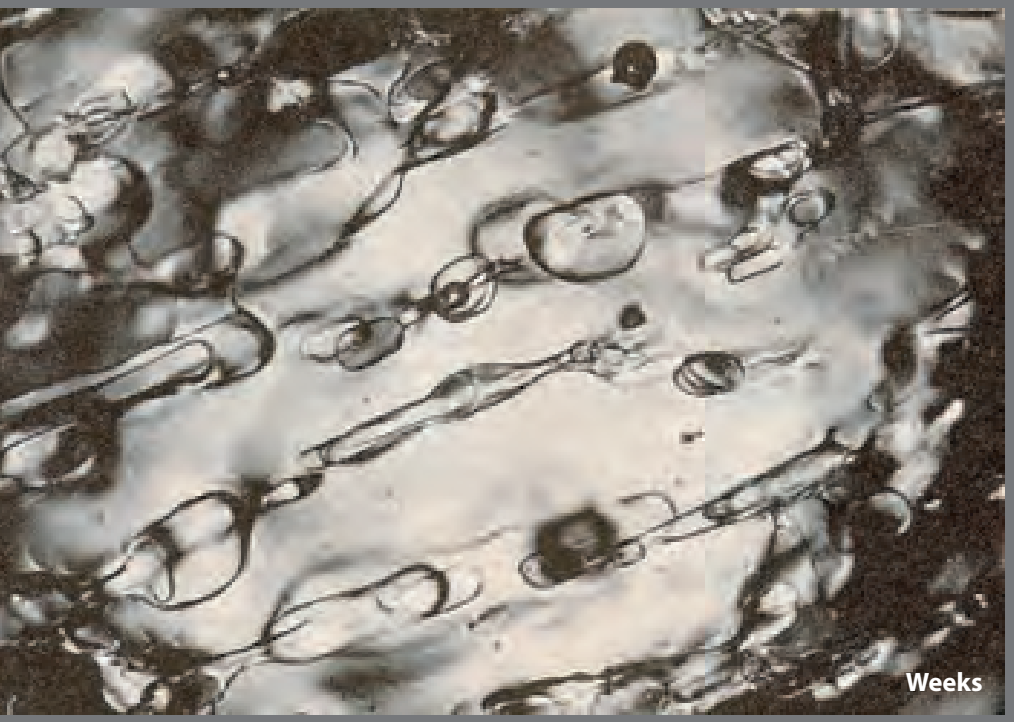


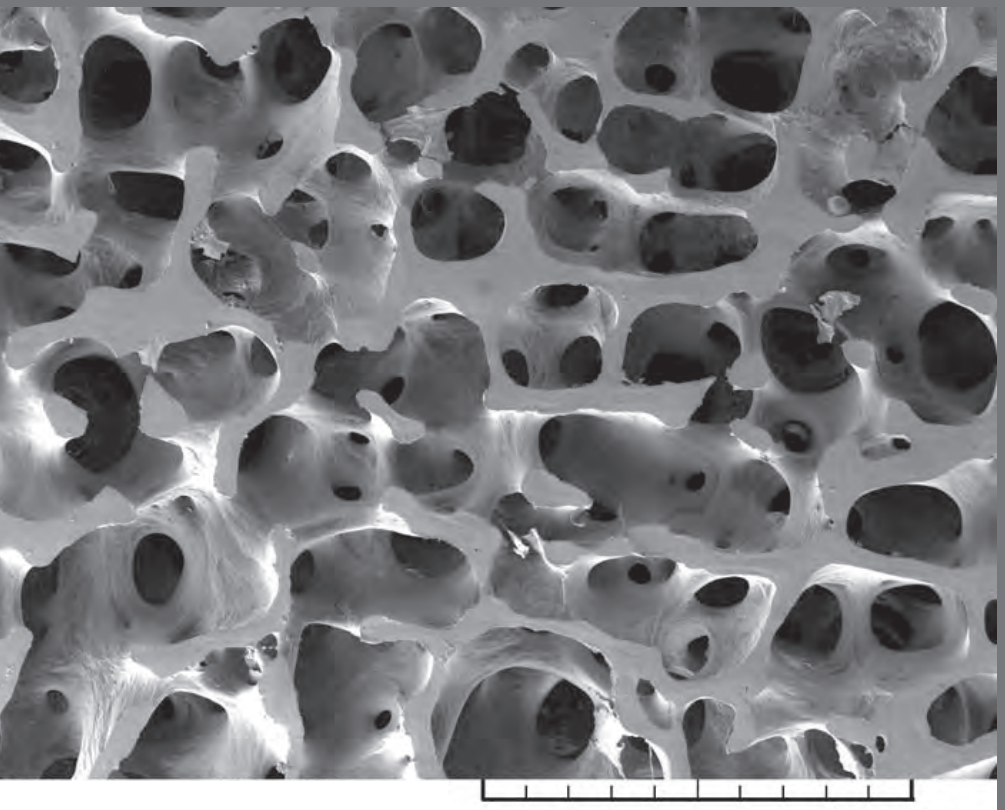
NW Florida Daily News, Wikimedia

cross-pollination

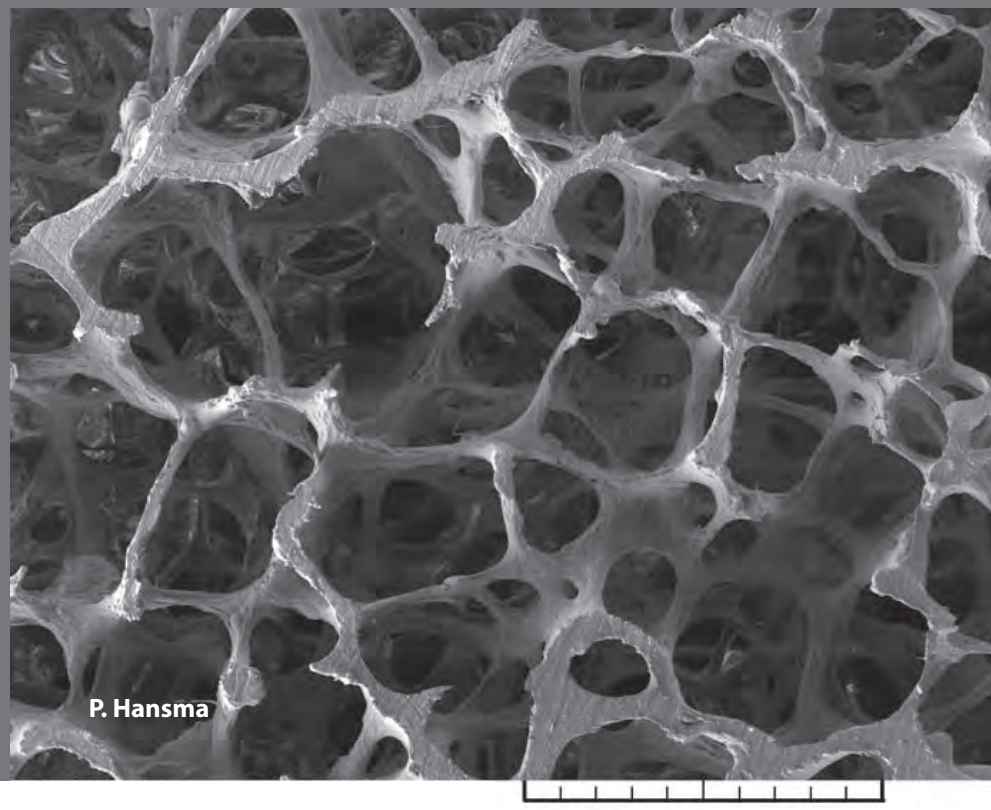


sea ice



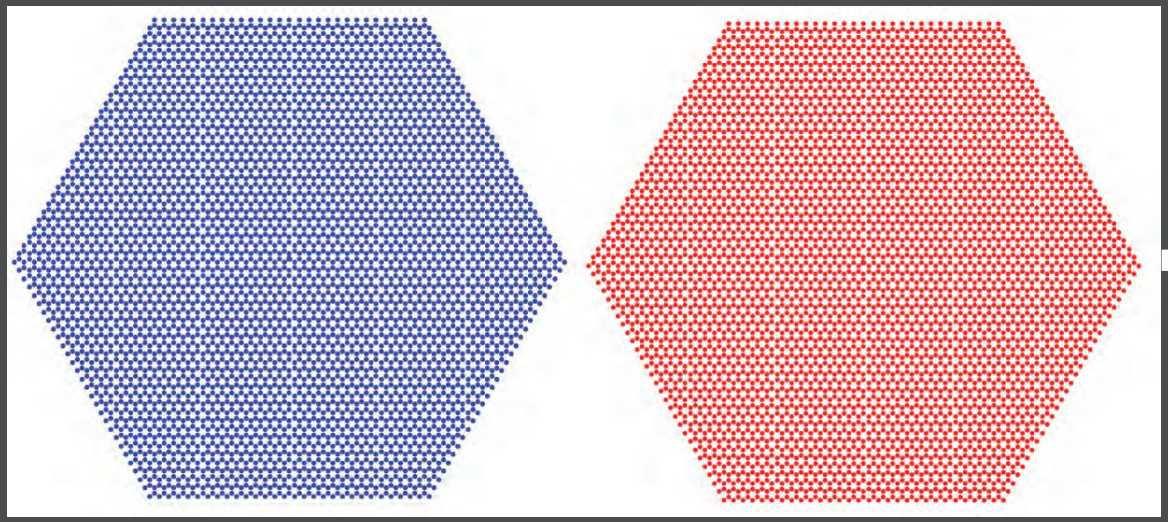


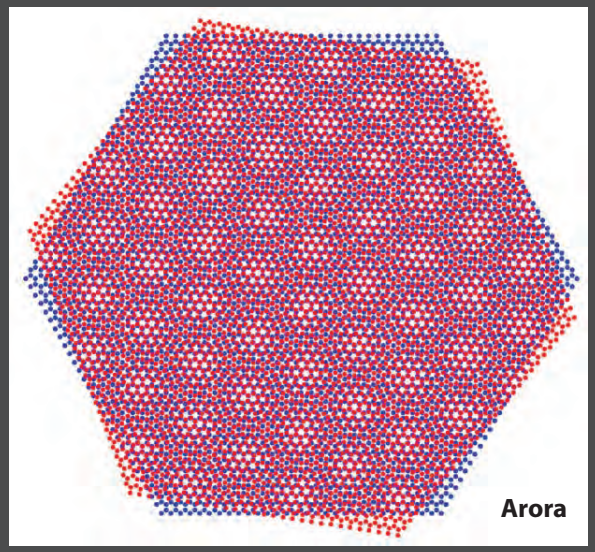
human bone



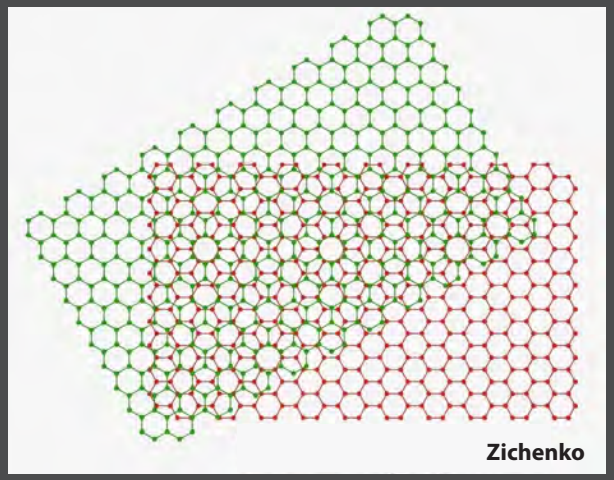
waves on frozen seas

twisted bilayer graphene





magic angle



Arctic Mathpedition 2024

ICEBREAKER BURNS

Sydney Morning Herald
23 July, 1998

Fire strands Antarctic ship in sea ice

THE ADVERTISER (Adelaide)
Thurs 23 July 1998

Kohout