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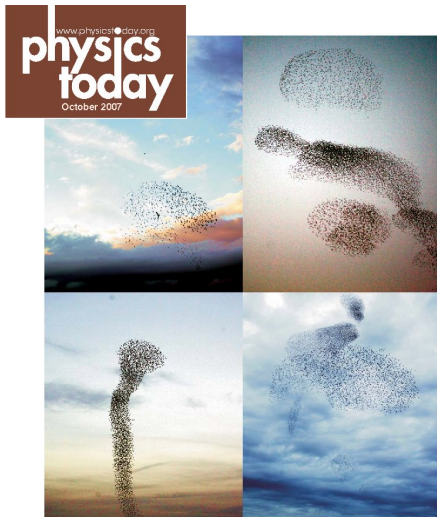
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- collective behaviour is not easily predictable from constituents
- typical examples:
 - ▶ (economy) stock market
 - ▶ (bio) cells, immune system
 - ▶ (social) political parties
 - ▶ (physics) phase transition

What are complex systems?



The physics of flocking