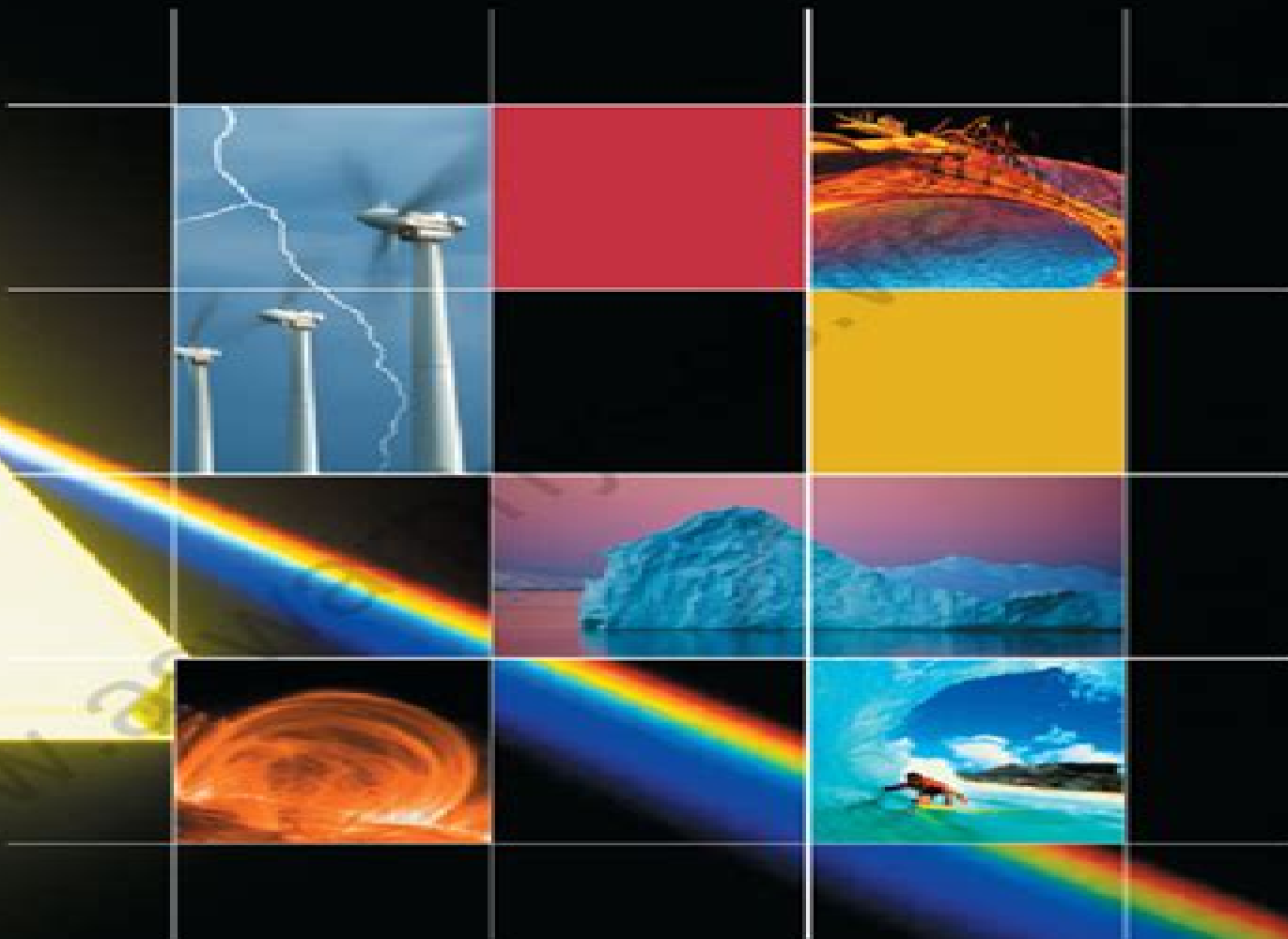


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Official Gazette Philippines,2007 □□□□□□□□,1993 **Bulletin** Nottingham (England). Public Libraries,1908

Conceptual metaphor and embodied cognition in science learning Tamer Amin,Fredrik Jeppsson,Jesper Haglund,2018-10-03 Scientific concepts are abstract human constructions invented to make sense of complex natural phenomena Scientists use specialised languages diagrams and mathematical representations of various kinds to convey these abstract constructions This book uses the perspectives of embodied cognition and conceptual metaphor to explore how learners make sense of these concepts That is it is assumed that human cognition including scientific cognition is grounded in the body and in the material and social contexts in which it is embedded Understanding abstract concepts is therefore grounded via metaphor in knowledge derived from sensory and motor experiences arising from interaction with the physical

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