1.	Record Nr.	UNINA9910791850003321
	Titolo	Social regionalism in the global economy / / edited by Adelle Blackett and Christian Levesque
	Pubbl/distr/stampa	New York : , : Routledge, , 2011
	ISBN	1-136-92294-6
		1-136-92295-4
		1-283-03823-4
		9786613038234
		0-203-84483-1
	Descrizione fisica	1 online resource (367 p.)
	Collana	Routledge studies in employment and work relations in context ; ; 6
	Altri autori (Persone)	BlackettAdelle <1967->
		LevesqueChristian <1958->
	Disciplina	307.1/2
	Soggetti	Regionalism - Social aspects
		Regional economics - Social aspects
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Asymmetric integration and the restructuring of social relations in global firms : actors, institutions, and norms / Christian L'vesque and Gregor Murray -- MNC strategies and their linkages with SMEs / Clemente Ruis Duran and Jorge Carrillo -- The role of MNCs in reshaping employment relations in China / Christian L'vesque and Hu Hao -- European trade unions and EU Labour Law / Brian Bercusson -- European works councils and trade union networking : a new space for regulation and workers' solidarity in Europe? / Val'ria Pulignano -- Solidarity beyond borders? : Canadian law and trans-American union solidarity action / Pierre Verge -- Does social embeddedness still matter? : a case study in the Ghanaian mining sector / Brice Adanhounme -- The reformulation of labour law in post-communist Central and Eastern Europe / Arturo Bronstein -- Mapping the social in Caribbean regional integration / Rose-Marie Belle Antoine -- Labour reform from a regional perspective : experiences in the Americas / Graciela Bensusan -- The evolution of European social integration under globalization : some reflections on recent developments / Marie-

Ange Moreau -- The paradox of Ohada's : transnational, hard law, labour harmonization initiative / Adelle Blackett -- Trade, labor, migration : the "NAFTA corn" example / Chantal Thomas -- Putting international labour law on the (right) map / Brian Langille -- The cartography of transnational labour law : projection, scale, and symbolism / Judy Fudge.

Sommario/riassunto	Regional trade agreements have expanded exponentially over the past decade, and have become a significant, if controversial, factor in the expanse of economic globalization. Social Regionalism in the Global Economy attempts to take a fresh, interdisciplinary approach to addressing labour regulation by drawing upon insights from industrial relations, comparative capitalism, and new governance schools of thought. It stands for the proposition that an interdisciplinary study of regional regulation holds the potential to offer a fuller account of social regionalism. Its focus is to co

2.	Record Nr.	UNINA9910557124703321
	Autore	Basaran Cemal
	Titolo	Entropy Based Fatigue, Fracture, Failure Prediction and Structural Health Monitoring
	Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
	Descrizione fisica	1 online resource (238 p.)
	Soggetti	History of engineering and technology
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Sommario/riassunto	Traditionally fatigue, fracture, damage mechanics are predictions are based on empirical curve fitting models based on experimental data. However, when entropy is used as the metric for degradation of the material, the modeling process becomes physics based rather than empirical modeling. Because, entropy generation in a material can be

calculated from the fundamental equation of thematerial. This collection of manuscripts is about using entropy for "Fatigue, Fracture, Failure Prediction and Structural Health Monitoring". The theoretical paper in the collection provides the mathematical and physics framework behind the unified mechanics theory, which unifies universal laws of motion of Newton and laws of thermodynamics at ab-initio level. Unified Mechanics introduces an additional axis called, Thermodynamic State Index axis which is linearly independent from Newtonian space x, y, z and time. As a result, derivative of displacement with respect to entropy is not zero, in unified mechanics theory, as in Newtonian mechanics. Any material is treated as a thermodynamic system and fundamental equation of the material is derived. Fundamental equation defines entropy generation rate in the system. Experimental papers in the collection prove validity of using entropy as a stable metric for Fatigue, Fracture, Failure Prediction and Structural Health Monitoring.