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Nota di contenuto	section 1. Fundamentals of mechanics of porous media -- section 2. Experimental characterization of coupled T-H-M-C processes in porous media -- section 3. Constitutive models for T-H-M-C coupling and multi-scale approaches -- section 4. Numerical modeling of T-H-M-C processes -- section 5. T-H-M-C processes in durability mechanics of concrete and structures -- Section 6. T-H-M-C in engineering applications and in-situ investigations.