1.	Record Nr.	UNINA9910132191703321
	Autore	Peters Brady
	Titolo	Inside smartgeometry : expanding the architectural possibilities of computational design / / Brady Peters & Terri Peters
	Pubbl/distr/stampa	Chichester, England : , : Wiley, , 2013 ©2013
	ISBN	1-118-78666-1 1-118-65307-6 1-118-52244-3
	Descrizione fisica	1 online resource (275 p.)
	Collana	AD Smart ; ; 1
	Disciplina	720.105
	Soggetti	Architecture and technology - Great Britain Smartgeometry Architectural practice - Great Britain Architectural design - Data processing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di contenuto	Cover; Title Page; Copyright Page; CONTENTS; FOREWORD; INTRODUCTION; THE ORIGINS OF SMARTGEOMETRY; FIRST BUILD YOUR TOOLS; PARAMETRIC EVOLUTION; MATRIX ARCHITECTURE; METRICS OF HUMAN EXPERIENCE; INTERACTING WITH THE MODEL; RESPONSIVE DESIGN: TOWARDS AN ECOLOGY OF OBJECTS AND PEOPLE; DESIGN FLOW AND TOOL FLUX; THE SOUND OF SMARTGEOMETRY; DESIGN EXPLORATION AND STEERING OF DESIGN; GEOMETRY: HOW SMART DO YOU HAVE TO BE?; GENERATIVE COMPONENTS AND SMARTGEOMETRY: SITUATED SOFTWARE DEVELOPMENT; FROM DESCRIPTIVE GEOMETRY TO SMARTGEOMETRY: FIRST STEPS TOWARDS DIGITAL ARCHITECTURE EXPLORING HUMAN-COMPUTER INTERACTION IN DESIGN PROCESSDESIGNING INTELLIGENCE: DIY ROBOTICS FOR RESPONSIVE ENVIRONMENTS; ENCODING DESIGN; WORKING PROTOTYPES, CREATING KNOWLEDGE; MIND THE GAP: STORIES OF EXCHANGE; DESIGNING ROBOTIC ASSEMBLIES; THE PRACTICE OF SMARTGEOMETRY; DIGITAL CRAFTING: PERFORMATIVE THINKING FOR MATERIAL DESIGN; DESIGN ROBOTICS: NEW STRATEGIES FOR MATERIAL SYSTEM RESEARCH;

CONTRIBUTOR BIOGRAPHIES

Sommario/riassunto | Smartgeometry (SG) is a key influence on the architectural community who explore creative computational methods for the design of buildings. An informal international network of practitioners and researchers, the group meets annually to experiment with new technologies and collaborate to develop digital design techniques. When SG was founded in 2001 by London-based architects and friends Hugh Whitehead (Foster + Partners), J Parrish (AECOM) and Lars Hesselgren (PLP), there was little in the way of parametric tools for architecture. SG was founded to encourage the development, discussi