1. Record Nr. UNINA9910877268103321 Autore Hatcher Robert D. Titolo Southern Appalachian Windows: Comparison of Styles, Scales, Geometry, and Detachment Levels of Thrust Faults in the Foreland and Internides of a Thrust-Dominated Orogen [Place of publication not identified], : American Geophysical Union, Pubbl/distr/stampa 1989 1-118-66691-7 **ISBN** Descrizione fisica 1 online resource (ix, 93 pages): illustrations Collana Field trip guidebook (International Geological Congress (28th: 1989: Washington, D.C.));; T167 557.688 Disciplina Geology - Appalachian Region, Southern Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Sommario/riassunto Published by the American Geophysical Union as part of the Field Trip Guidebooks Series, Volume 167. The southern Appalachian orogen contains most of the subdivisions that characterize a classic collisional orogen: A foreland fold-and-thrust belt (Cumberland Plateau and Valley and Ridge), high-grade metamorphic core (central to eastern Blue Ridge and western Piedmont), and a plutonic/volcanic belt (Charlotte belt and Carolina slate belt). In addition, a younger Alleghanian high-grade metamorphic core is present on the eastern

edge of the Piedmont (Kiokee-Raleigh belt).