1. Record Nr. UNINA9910461188603321 Autore Anyuru Andreas Titolo Professional WebGL programming [[electronic resource]]: developing 3D graphics for the web / / Andreas Anyuru Chichester, U.K., : John Wiley & Sons, 2012 Pubbl/distr/stampa **ISBN** 1-280-67245-5 9786613649386 1-119-94058-3 1-119-94059-1 Descrizione fisica 1 online resource (364 p.) Collana Wrox programmer to programmer 006.6 Disciplina 006.684 Soggetti Computer graphics - Computer programs JavaScript (Computer program language) Three-dimensional display systems Electronic books. Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Vertex ShaderPrimitive Assembly; Rasterization; Fragment Shader; Per Fragment Operations; Comparing WebGL to Other Graphics Technologies; OpenGL; OpenGL ES 2.0; Direct3D; HTML5 Canvas; Scalable Vector Graphics; VRML and X3D; Linear Algebra for 3D Graphics; Coordinate System; Points or Vertices; Vectors; Dot Product or Scalar Product; Cross Product; Homogeneous Coordinates; Matrices; Affine Transformations; Summary; Chapter 2: Creating Basic WebGL Examples; Drawing a Triangle; Creating the WebGL Context; Creating

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Sommario/riassunto

Everything you need to know about developing hardware-accelerated 3D graphics with WebGL!

| As the newest technology for creating 3D graphics on the web, in both games, applications, and on regular websites, WebGL gives web developers the capability to produce eye-popping graphics. This book teaches you how to use WebGL to create stunning cross-platform apps. The book features several detailed examples that show you how to develop 3D graphics with WebGL, including explanations of code snippets that help you understand the why behind the how. You will also develop a strong