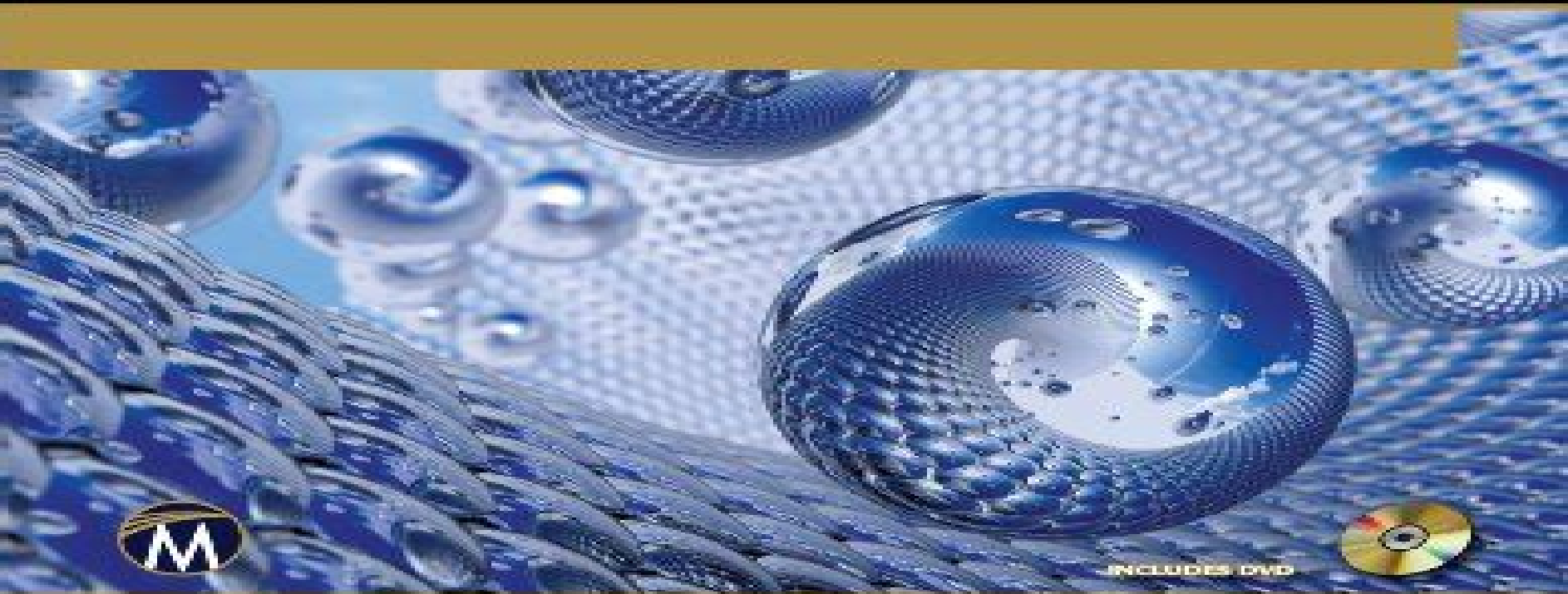


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FRANK D. LUNA

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Windows Game Programming with Visual Basic and DirectX Wayne S. Freeze, 2002 This volume shows how to couple the powers of Microsoft Visual Basic and DirectX to design and program simulation games It covers game programming code in Visual Basic while giving hints and ideas for the use of Visual Basic .NET

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concepts Other topics include performing basic operations in DirectX3D such as primitive drawing lighting texturing alpha blending and stenciling and using DirectX3D to implement techniques that could be required in a game Chapters on vertex and pixel shaders including the effects framework and the new High Level Shading Language wrap up the discussion Understand basic mathematical and 3D concepts learn how to describe and draw interactive 3D scenes using the DirectX9.0 API use DirectX and the D3DX utility library to implement a variety of techniques and applications such as transparency shadows reflections fonts meshes using XFiles progressive meshes terrain rendering particle systems picking cartoon rendering and multitexturing find out how to write vertex and pixel shader programs with the High Level Shading Language discover how to write and use effect files with the DirectX effects framework

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