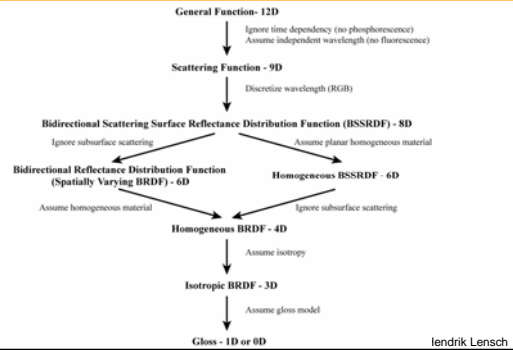


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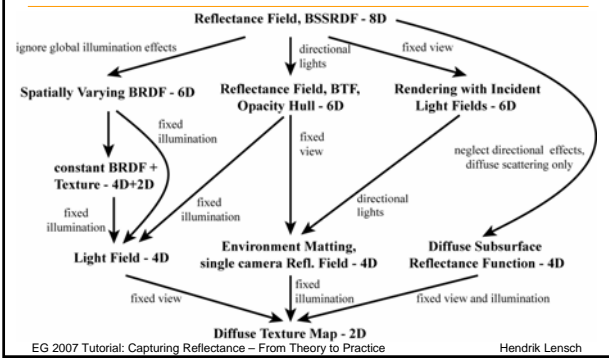
Tutorial 6  
Capturing Reflectance  
From Theory to Practice

Hendrik P.A. Lensch, MPI Informatik  
Michael Goesele, TU Darmstadt  
Gero Müller, Bonn University

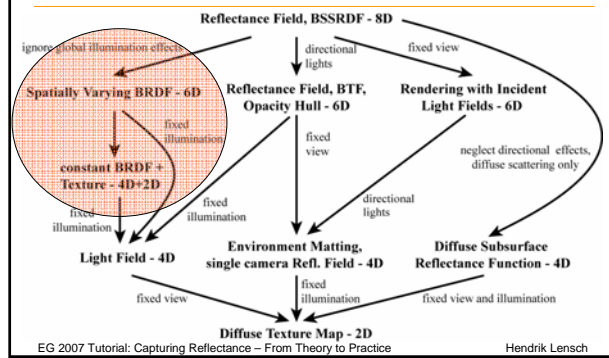
Taxonomy of  
Appearance Representations



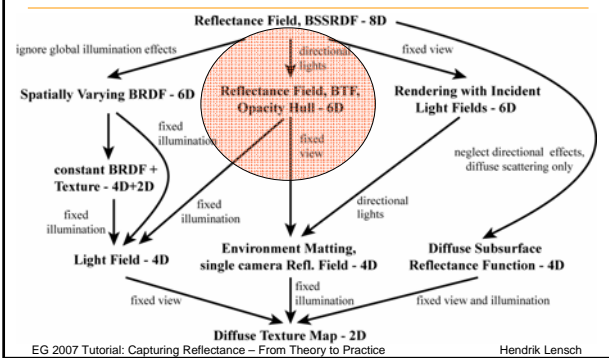
Acquisition Taxonomy



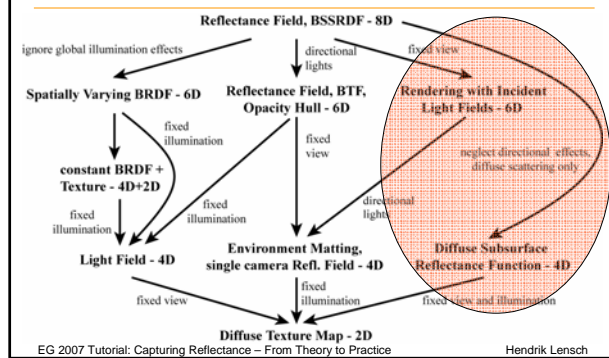
Reflectance Sharing



Reflectance Fields for Distant Lights



Near-Field Reflectance Fields



## More ...

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- ... fun stuff on realistic materials also presented in other sessions at EUROGRAPHICS 2007
- check your program!

EG 2007 Tutorial: Capturing Reflectance – From Theory to Practice

Hendrik Lensch

## Course Web Pages

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- find updated content at  
*<http://www.mpi-inf.mpg.de/resources/eg07-capturing-reflectance>*

EG 2007 Tutorial: Capturing Reflectance – From Theory to Practice

Hendrik Lensch

## Summary

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- densely sampling 8D functions almost impossible
- less dimensions might be sufficient for specific tasks / materials

EG 2007 Tutorial: Capturing Reflectance – From Theory to Practice

Hendrik Lensch