

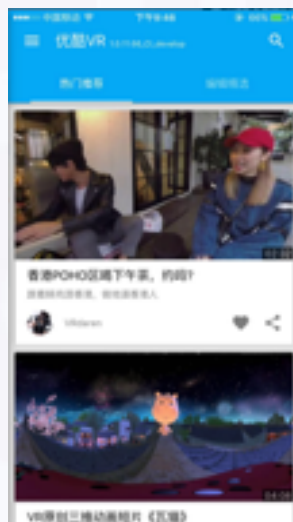
全景视频的播放及优化

刘俊成

合一集团（优酷土豆）高级技术经理

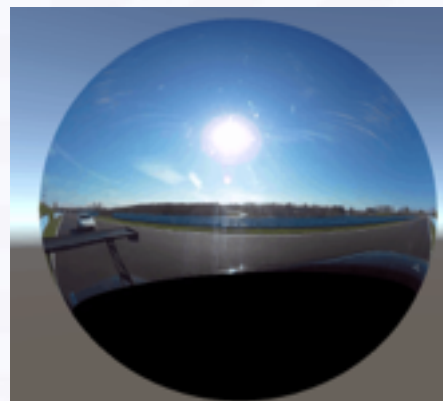
2016.6.25

优酷VR介绍

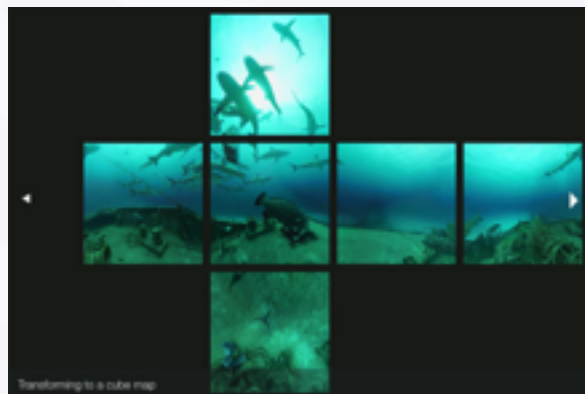
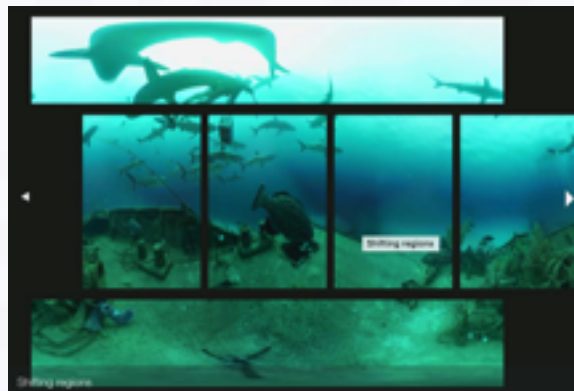


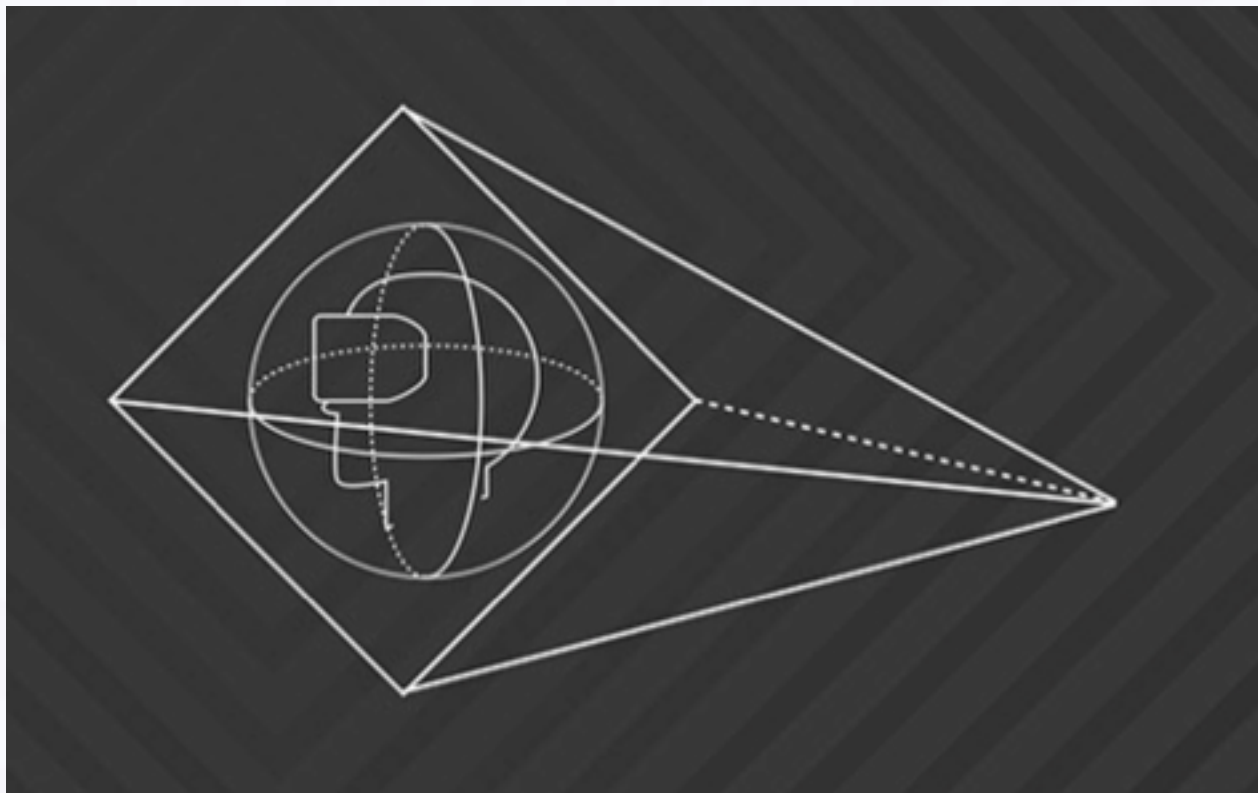
点击识别二维码下载优酷VR APP

- 全景模型
- 畸变矫正
- 空间音频
- 实现方式

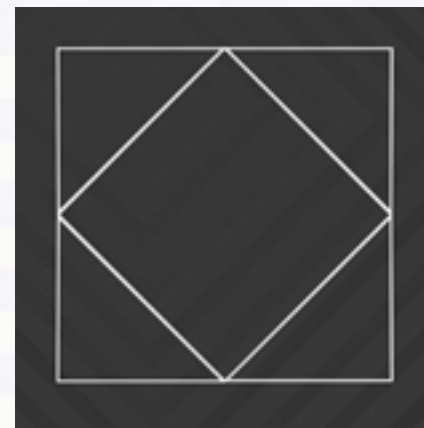
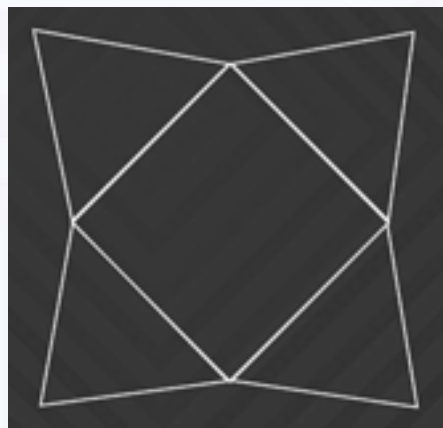
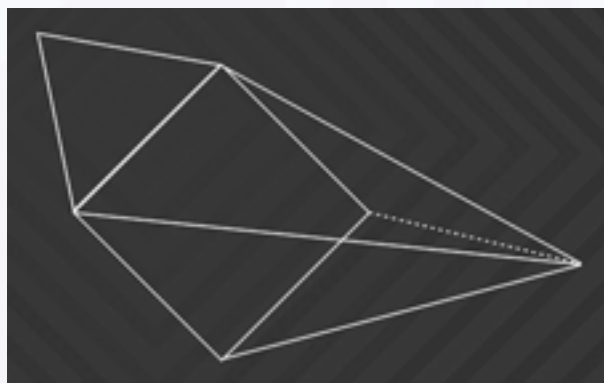


全景视频及播放 — 全景模型 — 立方体

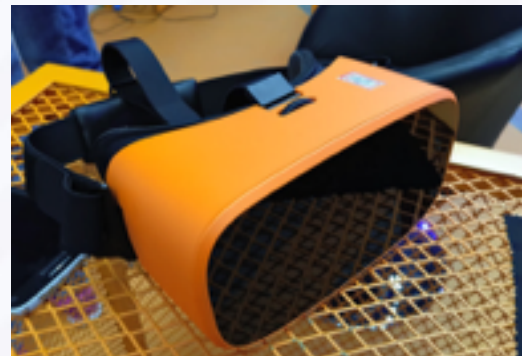


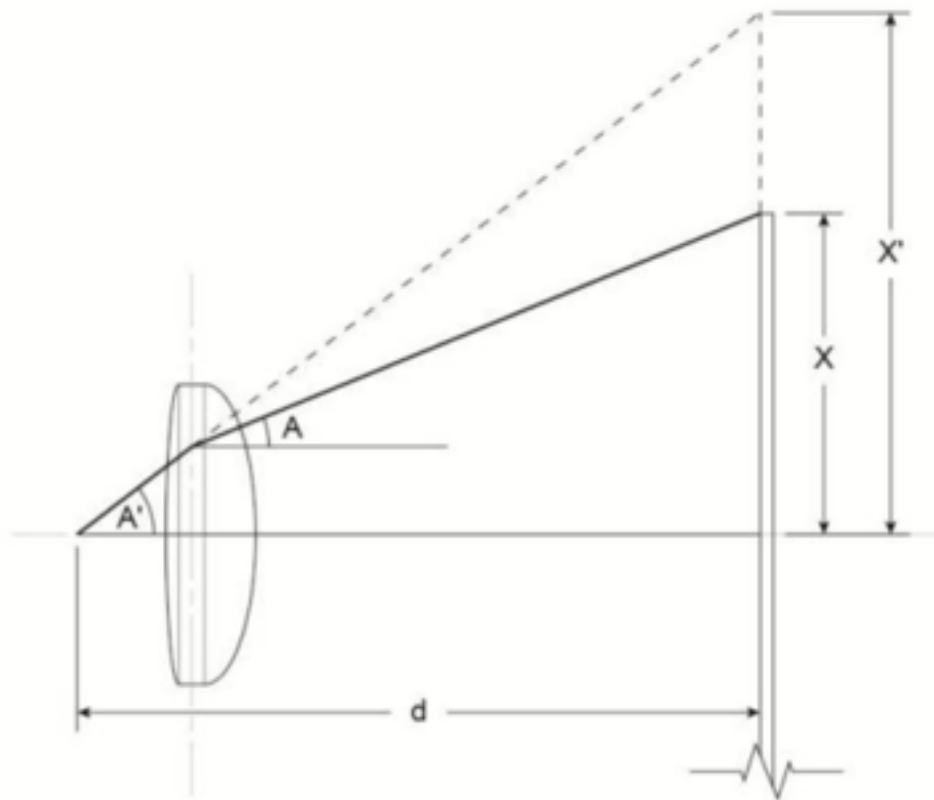


全景视频及播放 — 全景模型 — 金字塔

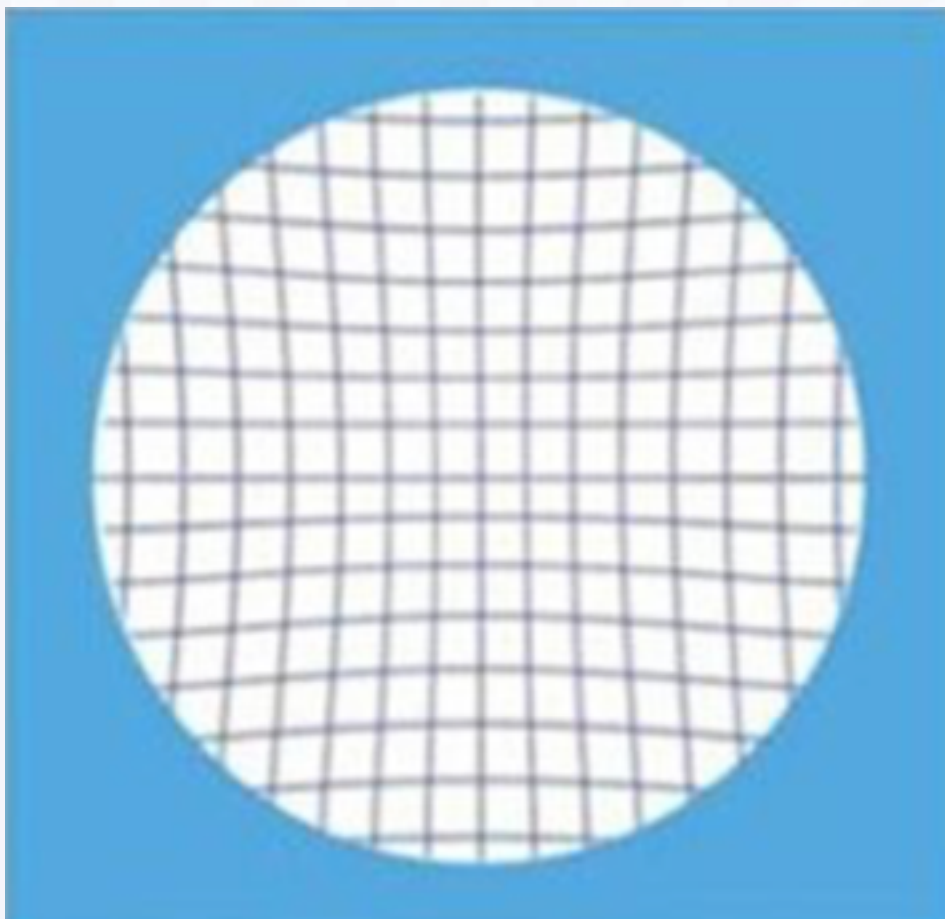


畸变矫正

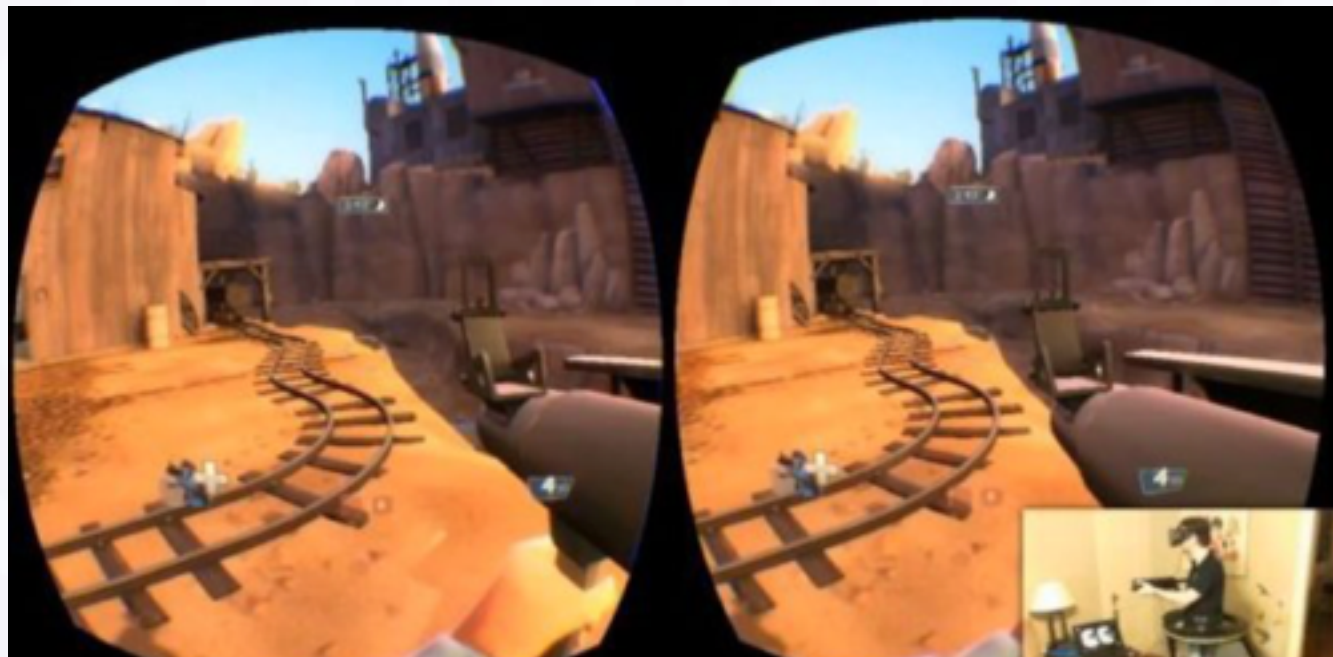




畸变矫正



畸变矫正



全景音频

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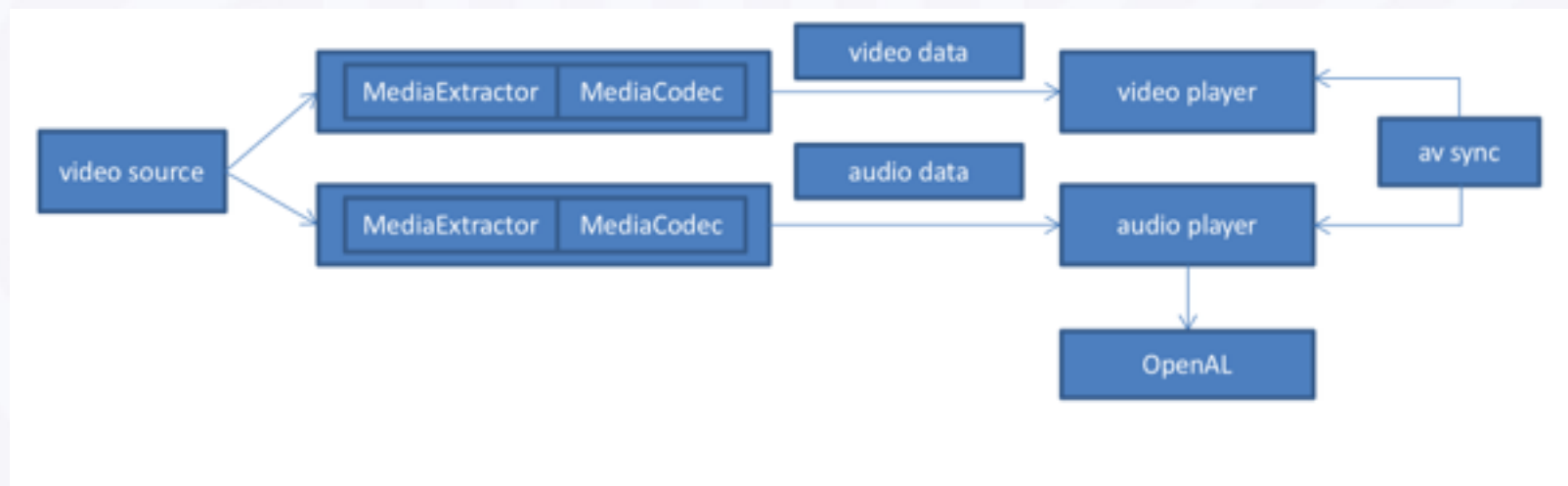


聚焦前沿技术 传递实践经验

主办方 **Geekbang** **InfoQ**
极客邦科技

- Cardboard SDK
- Media Player

- Lens distortion correction
- Spatial audio
- Head tracking
- 3D calibration
- Side-by-side rendering
- Stereo geometry configuration
- User input event handling



- <http://tieba.baidu.com/p/4204066272>
- <https://code.facebook.com/posts/1638767863078802/under-the-hood-building-360-video/>
- <https://code.facebook.com/posts/1126354007399553/next-generation-video-encoding-techniques-for-360-video-and-vr/>
- <http://www.leiphone.com/news/201507/7j46BjWsSitKML13.html>
- <https://www.google.com/get/cardboard/viewerprofilegenerator/>
- <http://www.csee.wvu.edu/~xinl/library/papers/comp/zyzhang2000.pdf>
- <https://developers.google.com/vr/>

联系方式

GMTC 全球移动技术大会
GLOBAL MOBILE TECH CONFERENCE



聚焦前沿技术 传递实践经验

主办方 **Geekbang** **InfoQ**
极客邦科技

THANKS

聚焦前沿技术 传递实践经验

主办方 **Geekbang** & **InfoQ**
极客邦科技