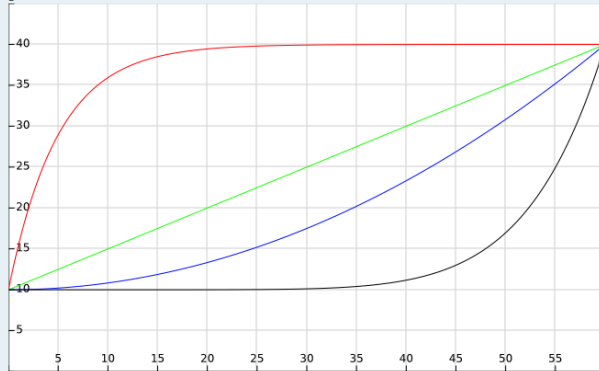


According to the paper *On-the-Fly Power-Aware Rendering*, select the most plausible function that models the GPU power consumption as the rendering load increases (suppose min/max power for a given GPU are 10 and 40 W):



Trieu-ne una:

- ☐ black function
- ☒ red function ✓
- ☐ blue function
- ☐ green function

La resposta correcta és: red function

According to the paper *Industry use of virtual reality in product design and manufacturing: a survey*, a common goal in VR industry users is centered around visibility/viewability, which consists of...

Trieu-ne una:

- ☐ evaluating the need for correction glasses in VR users
- ☐ improving the resolution and image quality of the VR display
- ☐ maximizing the field-of-view of the VR display
- ☒ evaluating the visibility of a human given a particular setting or posture ✓

La resposta correcta és: evaluating the visibility of a human given a particular setting or posture

According to the paper *Industry use of virtual reality in product design and manufacturing: a survey*, a common goal in VR industry users is centered around visibility/viewability, which consists of...

Trieu-ne una:

- ☐ evaluating the need for correction glasses in VR users
- ☐ improving the resolution and image quality of the VR display
- ☐ maximizing the field-of-view of the VR display
- ☒ evaluating the visibility of a human given a particular setting or posture ✓

La resposta correcta és: evaluating the visibility of a human given a particular setting or posture

The method described in the paper *On-the-Fly Power-Aware Rendering* uses the SSIM metric for measuring...

Trieu-ne una:

- ☐ the per-frame power consumption
- ☐ the power consumption in the shading stage
- ☐ how balanced are the tasks executed in the different GPU stages
- ☒ the quality error in the rendered images ✓

La resposta correcta és: the quality error in the rendered images

The method presented in *On-the-Fly Power-Aware Rendering* requires the prediction of...

Trieu-ne una:

- ☒ power consumption & quality error ✓
- ☐ memory & quality error
- ☐ power consumption & quality error & memory
- ☐ power consumption & memory

La resposta correcta és: power consumption & quality error

According to the paper *A Survey on Multimodal Medical Data Visualization* , in the context of medical volume rendering, a **transfer function** maps...

Trieu-ne una:

- ☐ intensity values to 3D locations
- ☒ intensity values to color and opacity values ✓
- ☐ points from one scan to points from another scan
- ☐ points on a surface to points on a volume

La resposta correcta és: intensity values to color and opacity values

According to the paper *A Survey on Multimodal Medical Data Visualization* , Indirect Volume Rendering (IVR) consists in...

Trieu-ne una:

- ☐ rendering the volume data using deferred shading
- ☐ rendering data from multiple scanners
- ☐ rendering the volume data using multiple levels of opacity
- ☒ rendering a triangulated surface extracted from the volume data ✓

La resposta correcta és: rendering a triangulated surface extracted from the volume data

According to the paper *Industry use of virtual reality in product design and manufacturing: a survey* , the tracking technology most frequent in industry is...

Trieu-ne una:

- ☐ inertial tracking
- ☐ magnetic tracking
- ☒ optical tracking ✓
- ☐ RFID tracking

La resposta correcta és: optical tracking