Subject: Re: Opacity Translucency Transparency
Posted by david[2] on Sun, 08 Jul 2001 02:34:02 GMT
View Forum Message <> Reply to Message

Mark Chan writes:

> Can someone point me to examples of the subject matter or the use of IDL in
> their representation?

My program Image_Blend is one, albeit simple, example:

  http://www.dfanning.com/programs/image_blend.pro

> Is there a good text book or technical publication giving a comprehensive
> review of the subject matter, especially examples on the use of IDL to
> achieve data visualization on the subject matter?

I like Computer Graphics: Using Open GL, 2nd Ed.
by F.S. Hill, Jr. No IDL examples, alas.

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Opacity Translucency Transparency
Posted by Rick Towler on Sun, 08 Jul 2001 03:26:20 GMT
View Forum Message <> Reply to Message

David's example is a good place to start.

When using alpha blending the key word is order. Your atoms must be ordered
from back to front in your models and your models ordered back to front in
your view. Also, not as obvious, the order the polygons that comprise your
atoms are draw matter sometimes too.

I posted a question regarding the latter a few weeks back and got a great
response from Karl Schultz. It may still be on your news server or you can
search deja.com for "+towler +pimento"

Good luck!

-Rick Towler

"Mark Chan" <chanm@cadvision.com> wrote in message
news:9i815d$k2t$1@news3.cadvision.com...
> New to this subject matter.
>
> Can someone point me to examples of the subject matter or the use of IDL
in
> their representation?
>
> Is there a good text book or technical publication giving a comprehensive
> review of the subject matter, especially examples on the use of IDL to
> achieve data visualization on the subject matter?
>
> Thanks,
> MC
>
>