Re: resolve to perpendicular components, because they are independent

Source: http://sci.tech−archive.net/Archive/sci.physics/2006−01/msg02541.html

- *From*: Hero.van.Jindelt@xxxxxx
- *Date*: 23 Jan 2006 00:40:45 −0800

Ken S. Tucker wrote:
> It's reasonable to consider 5D, just look around your office and
> see that your desk is denser than the air above it, so far so good.
> OTOH, the density of the desk may be described by a 4D warp.
> Some physicists perfer to impose a 5th D variable on an orthogonal
> 4D, but then that becomes a nonorthogonal 4D, as in GR.
Can You explain, how a fourth dimension can be orthogonal to the three of space, measured in cm^3?
My results so far: Density (Volume of particles /(Volume of space swept out by particles in movement)) can be described in assigning a value of density [cm^3/ cm^3] to every point of Your desk and the air above it. This makes a scalar field.
Regards
Hero

.

- ***Follow−Ups***:
  - ♦ ***Re: resolve to perpendicular components, because they are independent***
    - ◊ *From:* Ken S. Tucker

- ***References***:
  - ♦ ***resolve to perpendicular components, because they are independent***
    - ◊ *From:* kenneth . bull
  - ♦ ***Re: resolve to perpendicular components, because they are independent***
    - ◊ *From:* Ken S. Tucker
  - ♦ ***Re: resolve to perpendicular components, because they are independent***
    - ◊ *From:* mmeron
  - ♦ ***Re: resolve to perpendicular components, because they are independent***
    - ◊ *From:* Ken S. Tucker
  - ♦ ***Re: resolve to perpendicular components, because they are independent***
    - ◊ *From:* Timo Nieminen
  - ♦ ***Re: resolve to perpendicular components, because they are independent***
    - ◊ *From:* Ken S. Tucker

- ***Re: resolve to perpendicular components, because they are independent***
  - *From:* FrediFizzx
- ***Re: resolve to perpendicular components, because they are independent***
  - *From:* Ken S. Tucker
- ***Re: resolve to perpendicular components, because they are independent***
  - *From:* FrediFizzx
- ***Re: resolve to perpendicular components, because they are independent***
  - *From:* Ken S. Tucker
- ***Re: resolve to perpendicular components, because they are independent***
  - *From:* FrediFizzx
- ***Re: resolve to perpendicular components, because they are independent***
  - *From:* Ken S. Tucker
- ***Re: resolve to perpendicular components, because they are independent***
  - *From:* FrediFizzx
- ***Re: resolve to perpendicular components, because they are independent***
  - *From:* Ken S. Tucker

- Prev by Date: ***Re: automated physical dimensions and units in scientific programs***
- Next by Date: ***Re: HIV/AIDS As Fear−Anger Phases vs Acceleration−Deceleration Phases***
- Previous by thread: ***Re: resolve to perpendicular components, because they are independent***
- Next by thread: ***Re: resolve to perpendicular components, because they are independent***
- Index(es):
  - ***Date***
  - ***Thread***