

From 2011-05/A Tale of 9 Equations

1. $R3$
2. overcrossings commute
3. $R4$
+ twist eq'n.
4. Annular unzip
5. Disk unzip
6. \mathbb{D} from F
7. Pentagon
8. Hexagon
9. F from \mathbb{D}

X

 $ax+b$ perturbative. $ax+b$ exact.

"bbbs quotient"

pert/exact.

Scatter and glow

pert/exact.

} also describes
non-invariant
objects.

Does V really need to be invariant? ? ?

A moral from a partial computation of (V, \mathbb{D}) , on
Aug 20, 2011.

$$\text{Alt}(\xi \otimes \eta \otimes \gamma) \in (\mathbb{I}\gamma)^{\otimes 3}$$

is an invariant element which does not seem
to be in the image of $\text{Alt}(\uparrow_3)$ [yet it is
in the image of $\text{Alt}^v(\uparrow_3)$.