$$(u,v, t^2, t^3)$$
  
 $(u,v, t^2, t^5 + u t^3)$   
 $(u,v, t^3 + ut, t^5 + vt^4 + 2uvt - 5u^2t)$ 

## STABLE FRONTALS FROM THE THIRD DIMENSION

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$$(u,v, t^3 + 3ut, t^4 + 2ut^2)$$
  
 $(u,v, t^4 + 8tu, t^7 + t^5 + t^3 v (5 - 14v) + t^2 u (5 - 42u) - 28tu^2)$ 

l'gunfoldings } sum f#g

GENERATING, STABLE FRONTALS

2

STABILITY

2

FRONTAL MAP GERMS reduction

I versal unfolding b\*I'

 $f:(C^u,S) \to (C^{u+1},0)$  stable  $f_i:(C^u,S_i) \to (C^{u+1},0)$  stable + $C(f_1), -, C(f_r)$  general position

f frontal & g=410f0\$-1
=0 g frontal

fis di-stable if all frontal unfoldinge are trival

smooth field of hyperplanes tangent to the mage