

# **Branched pull-back components of the space of codimension 2 foliations on $\mathbb{P}^4$**

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## **Resumo/Abstract:**

We present a new list of irreducible components of the space of codimension two holomorphic foliations on  $\mathbb{P}^4$ . They are associated to the pull-back by branched rational maps of 1-dimensional foliations on  $\mathbb{P}^3$  leaving 2-dimensional planes invariant