

## Some rigidity results for CR maps into spheres in positive codimension

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We provide a new way of simultaneously parametrizing arbitrary local CR maps from real-analytic generic manifolds  $M \subset \mathbb{C}^N$  into spheres  $S^{2N'-1} \subset \mathbb{C}^{N'}$  of any dimension. As applications, we obtain rigidity results of different flavors such as unique jet determination and global extension of local CR maps. This is joint work with D. Zaitsev.