Chapter 1

VF Factorization

In Rafael Oliviera's Paper [Oli16] he showed that if $P(\overline{x})$ is a polynomial with individual degrees bounded by r that can be computed by a formula size s and depth d, then any factor $f(\overline{x})$ of $P(\overline{x})$ can be computed bt a formula of size $p0ly((nr)^s, s)$ and depth $d + 5$.

1.1 Factorizaion of Low Individual Degree

$\overbrace{fgf}^{fdgdf}$

Bibliography

[Oli16] Rafael Oliveira. "Factors of Low Individual Degree Polynomials". In: *computational complexity* 25.2 (June 2016), pp. 507–561. ISSN: 1420-8954. DOI: 10.1007/s00037-016-0130-2. (Visited on 07/28/2023).