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The smallest borel ideal containing the product of the variables.

We study principal borel ideals from the perspective of the borel generator, and show that most traditional invariants can be read off from the borel generator more efficiently than the monomial generators can be listed.

We compute various invariants of the principal Borel ideal generated by $x_1x_2 \dots x_n$, and argue that it is "central" to the theory of combinatorial ideals. (Received February 11, 2016)