

ADSORPTION-DESORPTION NOISE AS MEANS
FOR IMPROVING THE SELECTIVITY
OF CHEMICAL SENSORS

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S u m m a r y

We describe the temporal properties of the adsorption-desorption noise, which is typical of chemosensors of small size. It is offered to process this noise by means of the threshold discrimination of a special type. It is shown that, due to this processing, the sensor's selectivity can be made much better than that of its primary receptor sites.