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Title: Nature-inspired Sensor System for Vital signs detection

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Highlights

- A nature-inspired vital signs detecting sensing system was proposed.
- The error detection probability of the proposed system was investigated and matched perfectly with the simulation.
- The performance of the proposed system was compared with the conventional system and showed the better result.
- The proposed system showed the 3D capability human detection
- The system could detect the breathing rates and showed the comparable results with the five-points-probes sensor system.

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