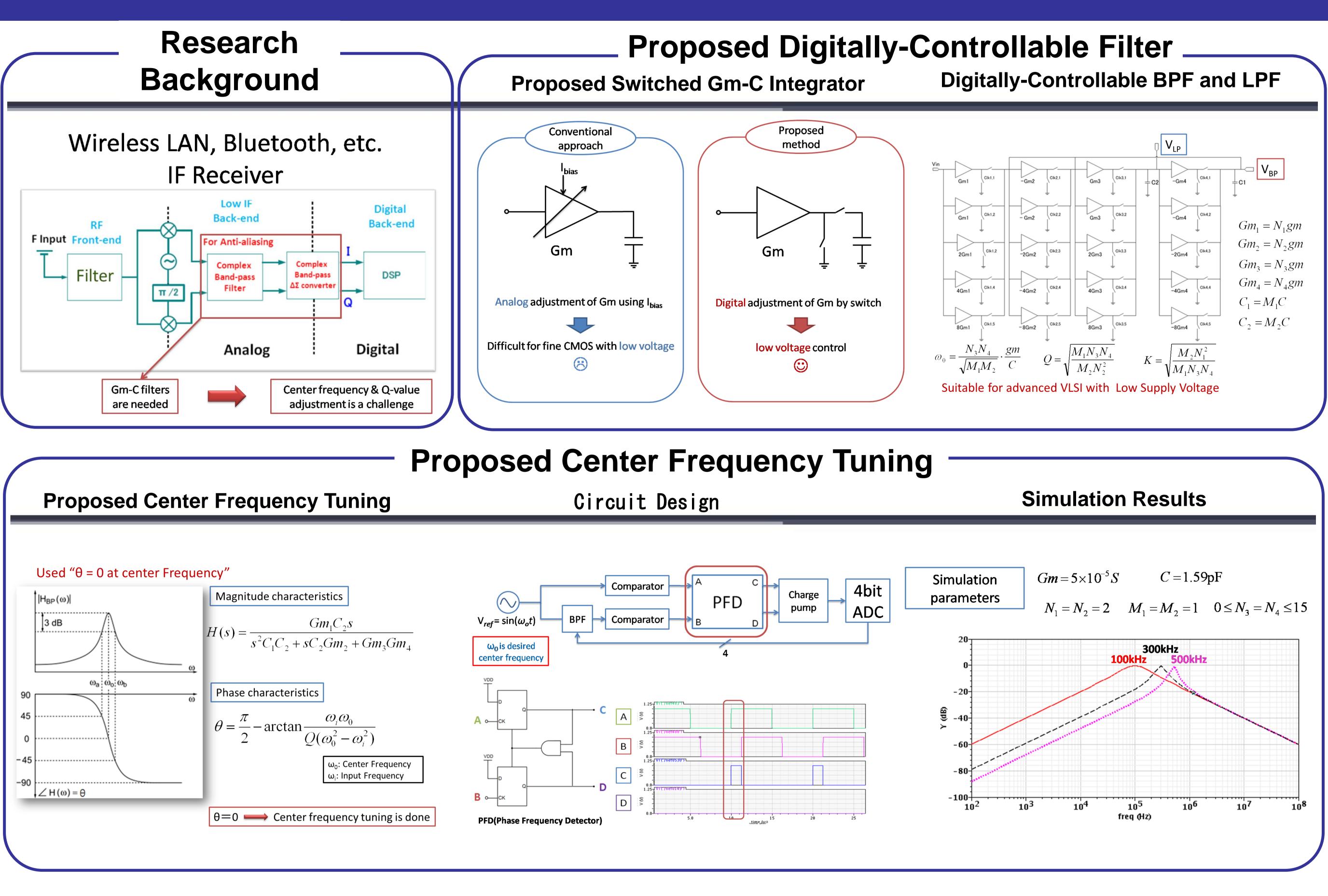
## **Digital Auto-Tuning for Center Frequency and P69 Q-Factor of Analog Band-Pass Filter**

Guanglei Jin, Hao Chen, Chuan Gao, Yunpeng Zhang

Haruo Kobayashi, Nobukazu Takai

Graduate School of Engineering Gunma University, 1-5-1 Tenjin-cho, Kiryu 365-8515, Japan

t12801676@gunma-u.ac.jp



**Proposed Q-Value Tuning** 

## **Proposed Q-value Tuning**

**Circuit and Algorithm** 

## **Simulation Result**

