

The resulting algorithm shows a distinct advantage over the conventional method for fast capturing pseudorandom coded signals, which are widely used in the ranging system of radars, in that under the condition of low signal-to-noise ratio the performance of the fuzzy algorithm is much better than that of the conventional method.

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29th May 1990

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References

- 1 KANDEL, A.: 'Fuzzy mathematical techniques with applications' (Addison-Wesley, 1985)
- 2 PEARCE, H. M.: 'The threshold decoding estimator for synchronization with binary recursive sequences'. Proc. IEEE Int. Conf. Communications, 1971
- 3 SHEN, Q.: 'Computer syntheses of the optimum Jacobian pulse codes'. Proc. CIE Conf. Radar, China, 1984

Errata

STYLIANOV, A., and VARDAXOGLU, J. C.: 'Improved convergence of iterative scheme for analysing arrays of finite size', *Electron. Lett.*, 1990, **26**, (10), pp. 641-643

In Fig. 1b ' $H = 2, H = 3$ ' should read ' $M = 2, M = 3$ '

On page 641 the word 'prevented' appeared in place of 'presented'

In Fig. 2 a TE annotation is missing from the bottom graph

MØRK, J., SEMKOW, M., and TROMBORG, B.: 'Measurement and theory of mode hopping in external cavity lasers', *Electron. Lett.*, 1990, **26**, (9), pp. 609-610

The second sentence of the paragraph 'Experimental setup and theoretical model' should read as follows:

'A $13\ \mu\text{m}$ DFB laser (threshold current $J_{th} = 15.25\ \text{mA}$) was exposed to optical feedback from a 60 cm long external cavity (round trip time $\tau = 4\ \text{ns}$), and the time dependent oscillation frequency was recorded using a Fabry-Perot interferometer as a frequency discriminator.'

In Fig. 1 the caption should include the information 'Time scale: 1 s/div lower trace; 20 ms/div upper traces'

In Fig. 2 the caption should include the information 'Solid curves are theoretical predictions using $\alpha = 6$; $\tau_{in} = 8\ \text{ps}$; $\Delta\nu_0(J/K_{th} - 1) = 55\ \text{MHz}$ '

In the first line of the second column the expression ' $F(t) - F(t) - F(t - \tau)$ ' should be replaced by ' $F(t) - F(t - \tau)$ '

POLLENTIER, I., BUYDENS, L., ACKAERT, A., DEMEESTER, P., VAN DAELE, P., DEPESTEL, F., LOOTENS, D., and BAETS, R.: 'Monolithic integration of an InGaAs/GaAs/AlGaAs strained layer SQW LED and GaAs MESFET using epitaxial lift off', *Electron. Lett.*, 1990, **26**, (13), pp. 925-927

The first author's name is I. Pollentier

'mesas were subsequently etched using InGaAs/GaAs/AlGaAs (1 : 8 : 11) and InGaAs/GaAs/AlGaAs (1 : 8 : 900), respectively' should read

'mesas were subsequently etched using $\text{H}_2\text{SO}_4 : \text{H}_2\text{O}_2 : \text{H}_2\text{O}$ (1 : 8 : 11) and $\text{H}_2\text{SO}_4 : \text{H}_2\text{O}_2 : \text{H}_2\text{O}$ (1 : 8 : 900), respectively'

In Fig. 3b the three values refer to V_{gs} in volts

ZHENG, D., and MICHALSKI, K. A.: 'Analysis of arbitrarily shaped coax-fed microstrip antennas with thick substrates', *Electron. Lett.*, 1990, **26**, (12), pp. 794-795

The following information has been omitted from the figure captions:

Fig. 1 Edge length = 40 mm; Feed point position = 30 mm from vertex on median; Substrate thickness = 1.57 mm

○—○ measured

□□□ computed

Fig. 2 Dimensions $39.52 \times 49.91\ \text{mm}^2$; Feed point position = 15.36 mm from shorter edge on longer symmetry line; Substrate thickness = 6.3 mm; Frequency step = 40 MHz

○—○ Hall

□□□ computed