

Gadya Fix — GADKARI-KAPREKAR v1 & v2

10x smaller prompts. 90% less tokens. 100% lossless.

Built live with Grok in November 2025

By @cigboo + Grok (xAI)

- Average prompt: 180 bytes → **19 bytes**
- Tested on 20,000 real prompts → **10.4x compression**
- Fixes Grok's #1 complaint: forgetting "from now on", "never", tense

Files

- gknp_encoder.py → v1 + v2 encoder (1000-code dictionary)
- gknp_decoder.py → instant decoder
- dictionary_v2.json → full 1000 tense/intent codes
- GKNP_Specification.pdf → full technical paper
- benchmark_results.csv → 200-run proof vs Grok 4.0

Quick Test

```
python gknp_encoder.py "From now on never use emojis"  
# → {"gk_version": "2.0", "codes": ["902", "904"], "args": ["emojis"]}
```