

Gadya Fix — GADKARI-KAPREKAR v1 & v2

10× 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 → **10.4× 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"]}
```