W(√0e‡0 DynamicViT: Efficient Vision Transformers with Dynamic Token Sparsification0 N-ÿ lèa R→c©x Maskingÿ v"QwOS[žs°e¹\_ Y,N ÿ

```
1. **h8 Ã` `ó**ÿ
 • •ÇR"` \O...=^«R$[šN:Q—OYv,,tokenN QvNÖtokenv,,N¤N'ÿ [žs°Sï_®R Rjg•0 QwOSkeš¤S bìÿ
 - O•u(~,mKj!WWu b NŒQCQ3{Vc©x \(\hat{D} \in \{0,1\}^N\)ÿ 0^hy:Rjg•ÿ 1^hy:OÝuYÿ 0
 - W('¡{—lèa R'wé-5eöÿ • •Çc©x -;e-^«Rjg•token[ùQvNÖtokenv,_qTĺ0
2. **ep[f[žs°**ÿ
 - \langle i\{-SYYElèa R\}R epwé-5 \(P = QK^T / \sqrt{C}) \rangle

    g,,^úc©x wé–5 \(G\)ÿ

   G_{ij} = \begin{cases}
   \hat{D}_i & \text{if } i \neq j \text{\"\", \atoken } j \text{\"\" Rjg\"R \O...=\"\"}.
   \end{cases}
   \]
 - OîkcT v"lèa R›wé-5<¡{--ÿ
  \tilde{A}_{ij} = \frac{P_{ij}}{\sum_{k=1}^N \exp(P_{ik}) G_{ik}}.
 kde¹lÕxnOÝ^«Rjg•tokenNÅ• •Ç•ê•Þc¥fôe°•ꎫÿ epP<z3[šÿ ÿ N N _qTÍQvNÖtoken0
3. **<-~ÃN c"t ]î_ **ÿ
 - **<-~Ãeö**ÿ OÝc _ 'Ï_br¶N SØÿ \(N \times N\)ÿ ÿ • •ÇGumbel-Softmax[žs°Sï_®R 'Çh70
 - **c"t eö**ÿ vôc¥yû–dONR eptokenÿ cĐSG(¡{—eHs‡0
4. **O R¿**ÿ
 - xlNöSËY}ÿ z u•S T v"lèa R›‹¡{—NÍSï^v^LS 0
 - |¾^\c Y1\ ÿ [žšŒf>y:Rjg•66% tokeneö|¾^\N -M<0.5%0
Y,— •ÛN keR g•Nãx [žs°~Æ,,ÿ SïS€ <0e‡cĐO>v,,GitHubNÓ^"0
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