

# ‡KK I qvK - vbtRB ntq hvb mti i hv`Ki

- gvnepe gfk© mgb

KvúDUvi gvbtl i nvfZ Gtb w`tqfQ Amæe ¶lgZv | GKRb mvavi b gvbyl Gi Kj vtb Amvavi b me KvR GK vbtgtl Kti tdj tq | vPšv-Ki"b tmB mgqKvi K\_v hLb Ktj i Mvb tkvbn nZ | KZ Kó Kti B bv GK GKvU ti KW©cKwikZ nZ | Avi Zvi ktai ,bv\_tbi e`cvi Uv Avi bvnq Dtj L bvB Kij vgl Avi Mvb ZLb vQj vej vnmZv Ges AwfRvZ"i cZxK | cieZi mgtq hLb GB mg^-cby³ m^-v Avi mnRj f` ntq DVj ZLb Zi"b cRtbfi nvfZ Mvbi gj tmZvU Ptj Avtm | KvúDUvfi e`envi GB cby³‡K Avi I GK avc GvMtg t`q | cdkbvj tj ftj th mg^-vgDwRK mdUl qvi itqfQ tm\_tj v e`envi Kti GKRb vgdwRvKqv %Zix Kti vbtZ cvtib vbtRi GKvU vgdwRK Gj evg | Gaitbi GKvU mdUl qvi nt"Q ‡KKI qvK tc0 AvWI | Avgvi GK vgdwRvKqv eUzgi dZ mdUl qvi vUj evnv`jx mæufK RvbtZ cvi | tm vbtRB GvU e`envi Kti vbtRi Nti etm tgvUvgvU GKvU Gj evtgi KvR c0q tkl Kti tdj tq | Avgvi tZv gtb nq Gici Avmte`i ayGgvcw`i hM - hLb evbwr"K vfiE`Z`i ay Ggvcw`i vj R Kiv nte, tkvb K`vfmU ev AvWI vnmw cKwikZ nte bv | hvB tnvK Avmp GKvU tbt0 tPto t`Lv hvK vK Kiv hvq Uqj f` tUv BbK&Gi GB mdUl qvi ‡KKI qvK tc0 AvWI fvm0 9 w`tq |

## vgv Ges vWvRvUj AvWI ti KW©Kiv

eUve` Kv¶lgZv mæubæGB mdUl qvi vUj e`envi Kti hv hv Kiv hvq Zvi eY0v GB`f cvi mti Avvte bv | Avevi AtbK e`cvti KvR KitZ Avcbvi vgdwRK BvAvbqvwi s AtbK e`cvi Rvbn\_vKtZ nte | hvB tnvK Avig mvavi Y c0qvM vbtq Avtj vPbv Kie |

‡KKI qvK Avcbv`fvte vgdwRK ti KW©KitZ cviteb : vgv (MIDI - vgdwRK"vj BÝUtgU vWvRvUj BvUv tdm) Ges vWvRvUj AvWI | hv` Avcbvi GKvU vgv BÝUtgU Avcbvi mvDÜ KvWp vgv Bb tcvUj vMtg`vtKb Zvntj vbdqB Avcbv Avcbvi cvidi tgY GB BÝUtgU e`envi Kti ti KW© KitZ PvbtQb | G`¶t¶ Avcbv ti KvW© vgv vntmte KitZ cvtib | bbtj hv` Ab` tkvb Bb`tgU, vGæú, Btd±m i`vK, vg` vi A\_ev gvBtµvtdvb mvDÜ KvWp AvWI BbcvUi RvqMvq j vMtg vWvRvUj AvWI vntmte ti KW©KitZ cvtib |

‡KKI qvK 00tutorial1.wrk00 dvBj vU I tcb Ki"b | Gici Avcbvi vgv BÝUtgUvUj evRvbn`i i` KitZ cvtib | Avcbvi tkvb vgv BÝUtgU tbB? K0 cti vqv tbB | Avcbvi Rb` itqfQ fvP0vj vcvv | GvU e`envi KitZ Pvbtj Ackb tgbj vgv vWfvbtmm vKK Ki"b | GtZ Avcbv vgv vWfvbtmm Wqvj M e` t`LtZ cvteb | tmLvbkvi BbcvU tcvUfi et` i fvP0vj vcvv vntj ±W AvfQ vkbv vbw0Z ntq vbb | I`K vKK Kti GB e` vU tkvR Kti w`b | Gici Uj m tgbj fvP0vj vcvv vKK Kti j GvU ivb nte | Dci š` GB fvP0vj vcvv Ggb fvte KvR Kti thb Avcbvi vgv tcvU© miz" miz" GKvU vcvv j vMvbn AvfQ | Avi vcvv evRvtj thgbvU ti KW©Kiv thZ tZgvb GvU w`tq | Kiv hvq |

tgUvbgv nt"Q Ggb GKvU hšj hv vbw`0 j tq kã`Zix KitZ`vK Ges GKRb hšj kix ZLb tmUv Abvni b Kti Zvi Zvj vK ivLtZ cvtib | mvavi b gvubi GKvU tgUvbgv htšj`vg cPzi | A\_P ‡KKI qvK mvt`th tgUvbgv cvteb Zvi e`envi thgb eUve` KvtrI tZgvb vblvZ | GLb Avgvi hv"Q c0Z GKK mgtq w`úKvfi`vU Kti kã`ibZ | GvU KitZ tgUvbg Uj evti 00count-in00 et` 2 UvBc Kti GvUv w`b | 00count-in measure00 AckbvU vntj ± Ki"b | 00Metronome During Record00 AckbvU vWvntj ± Ki"b | vcvw w`úKvi AckbvU vntj ± Ki"b | 00MIDI Metronome00 AckbvU vWvntj ± Ki"b |

ti KvW© Gi mgq mg^-vgdwRK Ask\_tj v GKtI evRtZ`vK | vKš`ai"b Avcbv GKvU vgdwRtKi vWgm cvU0 mæubæKti tqb, GLb vUvi cvU0 Kivi mgq AvfMi AskvU`ibZ Pvbbv | G`¶t¶ th U`vtK Avcbv vWgm cvU0 ti KW©KitZ tqb tmB U`vKvU vgdU evUv tPtc vbtka KitZ cvtib |

GLb Avcbv ti KW<sup>®</sup>Ki tZ cŃZ| t` tL wbb Avcbvi wgvW Bb ÷ tgvU wVK AvtQ wKbv, Pj tQ wKbv Ges Kiv<sup>®</sup>úDUvfi wK g tZv kã tčŃb Ki tZ cvi tQ wKbv| hw` fvP<sup>®</sup>vj wcv tQv e`envi Kti \_v tKb Zte tZgb mgm`v nei K\_v bq| ai`b U<sup>®</sup>vK GB tU Avgiv GB BŸU tgvUwU e`envi Ki tZ Pw`Q| U<sup>®</sup>vK GB tU ŃnameŃ G Wvej wKK Ki`b Ges Dch<sup>®</sup> GKwU bvg UvBc Ki`b| U<sup>®</sup>vK GB tUi tmvm<sup>®</sup>Kj vg ŃMIDI OmniŃ wKbv G e`vcvfi wbowZ ntq wbb| hw` Zv bv nq Zte Wvej wKK Kti tmlv wK Kti wbb| Gici U<sup>®</sup>vK GB tUi ŃArmŃ evU tB wKK Ki`b| U<sup>®</sup>Y tcvU<sup>®</sup>Uj evfi ti KW<sup>®</sup>wKK Ki`b| Gici tgvU tBv tgi ` tUv kã i b tZ tctj Avcbvi BŸU tgvU evR tBv i i` Ki tZ cv tB| tkl ntj cti ÷ c evU b wKK Ki`b ev t` um evi tčŃ Ki`b|

Gevi tkvbevi cvj v| U<sup>®</sup>vK GB tUi tmv<sup>®</sup>, tcvU<sup>®</sup>P`v tBj ev c`vP Kj v tgv Wvej wKK Ki`b| G tZ U<sup>®</sup>vK tčŃc wUR Wvqv M e` Avm tē| tcv tU<sup>®</sup> Rb` Avcbvi mvDŮ Kv tW<sup>®</sup> wgvW wmtšmvBRvi wmtj ± Ki`b| P`v tBj i Rb` Ae`eüZ tKv P`v tBj thgb P`v tBj tmtfB e`envi Ki`b| c`v tPi Rb` Avcbvi cQ t` i tKv BŸU tgvU wmtj ± Ki`b| G tK G tK wFD tgbj wcv tQv ti vj , ÷ vd, B t f U wj ÷ Ges DB tU v tgbj UvBj Bb tivR wKK Ki`b| wgvDwRK wU i i` tZ th tZ wi DwqŮ evU b wKK Ki`b| Gici tcv evU b wKK Ki t j MvbwU evR tZ i i` Ki tē| th f v tē wgvDwRK tcv i wcv tQv tZ t ÷ tK Kti tQb wcv tQv ti vj wFD tZ tm f v tē wK t ÷ vK \_ t j v t` Lv hv tē| ÷ vd wFD tZ t` Lv hv tē wgvDwRK`vj tBv tU k tB wK t ÷ tK \_ t j vi Mv b| memgq GKevfi Avcbvi ti Kw<sup>®</sup>wKvK f v tē m`ubv tē GgbwU a t i tbevi tKv Kvi b tB| f j ntj Avcbv P v tZ cv tB Avevi cŮ g t` tK ti Kw<sup>®</sup>Ki tZ| GwU Ki tZ ŃŃtr l-ZŃŃ tčŃ Ki`b| ti Kw<sup>®</sup>AvbWyn t q tM t j c t i wi DwqŮ wKK Ki`b| Gici Avevi ti KW<sup>®</sup>wKK Ki`b|

Gici A t B K cKvi wUDwbs Gi gva`tg Avcbvi m`xZ tK Kti Zj tZ cv tB G t Kevi w b L y Z| G t` i g t a` GKwU n t` Q t K v q v U v B R ŃŃQuantizeŃŃ KgvŮ| GwU m`xZ wU i i` i` Ges t k t l i AcŃqvRbxq kã tK tQ tU t d t j , m`x t Z i kã \_ t j vi ga`eZ x`c wK \_ t j v mgvb Kti t` q|

GQvov ti Kw<sup>®</sup>mnRZi Kivi Rb` i t q t Q t i Kw<sup>®</sup>Gi Avi l bvb i Kg c x w Z thgb j y c ti Kw<sup>®</sup>(hLb GKB Ask tek K t q Kevi tcv Kivi cŃqvRb nq), cv A ti Kw<sup>®</sup>(c t i v ti K t W<sup>®</sup> A i wKQyAsk e` j v t Z)| GQvov nvi tgvw Ges Mj vi g t Zv bb w w R U v j ti Kw<sup>®</sup>c x w Z w w R U v j A w W I ti Kw<sup>®</sup> t Z v i t q t Q B|

GZ t Y ti Kw<sup>®</sup>Gi Dci GKUv avi bv t` evi tPov Kti wQ| w b Ń q B e s t Z cvi t Q b wK w e k v j k w<sup>®</sup> i A w a K v i x GB mdU l q`vi wU| b v b v i Kg w d P v i Ges K j v t K s k t j mg x GB mdU l q`vi wU Z v B GLb wgvDwRK Bb Wv mU t Z L y e`eüZ n t` Q| G t Z thgb Avcbv G t K G t K w e w f b e B Ÿ U t g v U e w i R t q GKwU c Y<sup>®</sup> m`xZ `wv K i v t Z c v i t e b t Z g w b GK t I GKwU c t i v e`v Ů M t c i ti Kw<sup>®</sup>GK m v t \_ Ki t Z c v i t e b| m e w K Q y t` t L i t B A v g v i g t B n t` Q m g m`v t K v \_ v q A w i g B b v n q A v K U v w g D w R K G j e v g t e i K t i t d w j , M j v U v Z v A v j v i i n g t Z L v i v c b v ...